GBC Full Circle Service™

QUANTUM
PARTS LIST

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8.0 PARTS LIST - Quantum P70iX

All parts in each illustration are keyed with an index number for reference to the respective part number and name in the parts list. The quantities listed give the total used in the machine assembly.

NOTE: The Hanover Park Illinois Service Parts Department has access to ALL of the hardware used in this machine. If the original equipment hardware has been lost or damaged, we encourage you to order the proper hardware as listed in this service manual to keep the machine in top condition.

8.1 Die Set Punch Pin Listing (Die Set not shown)

Die Set repair is not recommended other than to clean and lubricate the Punch Pins. Punch pins are listed here as a service item only in the event that some may be lost.

Part Number	Description	Qty
7703425	MAGNET	1
1902656	SCREWS, HANDLE, FLT HD 10-32 x 5/8	2
7703295	PUNCH PIN, #1 PB	5
7703296	PUNCH PIN, #2 PB	5
7703297	PUNCH PIN, #3 PB	5
7703298	PUNCH PIN, #4 PB	5
7703299	PUNCH PIN, #5 PB	5
7703337	PUNCH PIN, #1 C4 RND	10
7703338	PUNCH PIN, #2 C4 RND	10
7703339	PUNCH PIN, #3 C4 RND	10
7703340	PUNCH PIN, #4 C4 RND	10
7703341	PUNCH PIN, #5 C4 RND	8
7703065	PUNCH PIN, #1 C4 OVAL	10
7703066	PUNCH PIN, #2 C4 OVAL	10
7703067	PUNCH PIN, #3 C4 OVAL	10
7703068	PUNCH PIN, #4 C4 OVAL	10
7703069	PUNCH PIN, #5 C4 OVAL	8

8.1 Die Set (not shown) Punch Pin Listing (Continued)

Die Set repair is not recommended other than to clean and lubricate the Punch Pins. Punch pins are listed here as a service item only in the event that some may be lost.

Part Number	Description	Qty
7703393	PUNCH PIN, #1 W3 SQUARE	7
7703394	PUNCH PIN, #2 W3 SQUARE	7
7703395	PUNCH PIN, #3 W3 SQUARE	7
7703396	PUNCH PIN, #4 W3 SQUARE	7
7703397	PUNCH PIN, #5 W3 SQUARE	6
7703439	PUNCH PIN #1, W3 ROUND	7
7703440	PUNCH PIN #2, W3 ROUND	7
7703441	PUNCH PIN #3, W3 ROUND	7
7703442	PUNCH PIN #4, W3 ROUND	7
7703443	PUNCH PIN #5, W3 ROUND	6
7703465	PUNCH PIN #1, W2 SQUARE	5
7703466	PUNCH PIN #2, W2 SQUARE	4
7703467	PUNCH PIN #3, W2 SQUARE	4
7703468	PUNCH PIN #4, W2 SQUARE	4
7703469	PUNCH PIN #5, W2 SQUARE	4
7703222	PUNCH PIN #1, W2 ROUND	5
7703223	PUNCH PIN #2, W2 ROUND	4
7703224	PUNCH PIN #3, W2 ROUND	4
7703225	PUNCH PIN #4, W2 ROUND	4
7703226	PUNCH PIN #5, W2 ROUND	4
7703491	PUNCH PIN #1, VELOBIND/SUREBIND	12
7703479	PUNCH PIN #1, LOOSE LEAF, 2-4 / 3-5-7	7

PARTS CROSS REFERENCE BY ASTERISK PART NUMBER

AST PN	GBC PN	ItemName
21s50500	7707586	URETHANE SHEET 50DURO SORBATHANE BLACK 0.500 THK
2INA5032	7707420	Adhesive Back Commercial-Grade Neoprene Strip 1/32" Thk, 2" WD, 36" Lg, Black
2LCGCK11	7707495	Mini Grip Conveyor Roller Soft Urethane 30-A Durometer, 1/2" Shaft, 1" OD
2LCGCK16	7707497	Mini Grip Conveyor Roller Soft Urethane 30-A Durometer, 3/4" Shaft, 1-1/2" OD
2W020W8A	9790006	SHEET OF COPY PAPER WHITE 8-1/2 X 11, 20# BOND
2W020WA1	7707587	SHEET OF COPY PAPER WHITE A4 (210MM X 297MM), 20# BOND
2WC70C8A	9742011G	8.5 X 11, 7mm, Clear Cover Stock
2WCLNB8A	9742450G	8.5 X 11, 16lb, Linen Cover Stock
2WCRGB8A	9742491G	8.5 X 11 Regency Cover Stock, Black
2WT6558A	9675006	8.5 X 11, 5-up Tab Stock
2XBPC001	1771511	POLYETHYLENE BAG COVER, 4 MIL, 60 X 56 X 104
2XLBL003	7707588	Color Coding Dots, Light Blue, 1/4"
2zadtpf1	7707589	DOUBLE COATED FOAM TAPE POLYETHYLENE, RUBBER ADHESIVE 0.031" X 0.5"
2ZADTUM7	7707590	UHMW Polyethylene Tape 3/4" Width X 18 Yards Length, .0065" Total Thk
2ZADTUM8	1771397	UHMW POLYETHYLENE TAPE ACRYLIC ADHESIVE 0.008" X 1.000"
30FAN160	1730640	FLAT WASHER AN 960 C, STAINLESS 0.265ID X 0.500OD X 0.073THK
30FDS102	1925603	FENDER WASHER 18-8 STAINLESS #8, 11//64ID X 3/4OD X 0.040THK
30FDS103	1925604	FENDER WASHER 18-8 STAINLESS #10, 13/64ID X 11/16OD X 0.050THK
30FDS114	1925605	FENDER WASHER 18-8 STAINLESS 3/8, 13/32ID X 1-1/4OD X 0.062THK
30FFH010	1925080	FINISHED FLAT WASHER STEEL, CASE-HARDENED, THICK #10, 13/64ID X 1/2OD X 3/32 THK
30FFH025	1925081	FINISHED FLAT WASHER STEEL, CASE-HARDENED, THICK 1/4, 9/32ID X 5/8OD X 1/8THK
30FMS109	1925067	FLAT WASHER MS15795 MIL, STAINLESS 0.125ID X 0.250OD X 0.028THK
30FMS110	1925062	FLAT WASHER MS 15795 MIL, STAINLESS #4, 0.125ID X 0.312OD X 0.040THK
30FMS116	1925063	FLAT WASHER MS 15795 MIL, STAINLESS #6, 0.156ID X 0.375OD X 0.065THK
30FMS125	1925064	FLAT WASHER MS 15795 MIL, STAINLESS #8, 0.188ID X 0.375OD X0.065THK
30FMS130	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
30FMS155	1925069	FLAT WASHER MS 15795 MIL, STAINLESS 1/4, 0.281ID X 0.6250D X 0.080THK
30FMS185	1925066	FLAT WASHER MS 15795 MIL, STAINLESS 5/16, 0.344ID X 0.688OD X 0.080THK
30fms199	7707591	FLAT WASHER MS 15795 MIL, STAINLESS 3/8, 0.406ID X 0.812OD X 0.080THK
30FMS202	7707592	FLAT WASHER MS 15795 MIL, STAINLESS 7/16, 0.468ID X 0.921OD X 0.080 THK
30SLW004	1926060	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #4
30SLW006	1926061	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #6

30SLW008	1926062	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #8
30SLW010	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
30SLW025	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
30SLW031	1926065	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 5/16"
30slw038	1926066	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 3/8"
30SLW044	7707593	Zinc-Plated Steel Spring Lock Washer 7/16" Screw Sz, .450" ID, .776" OD, .109" Min Thk
30slw050	1730644	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/2"
31CDCK68	7707594	Grade 1074 Hi-Carbon Steel Curved Disc Spring 5/8" Hole, 3/8" Rod, .400" ID, .612" OD, .0130" Thk
31CDSK85	7707595	301 Stainless Steel Curved Disc Spring 13/16" Hole, 1/2" Rod, .531" ID, .795" OD, .0170" Thk
31CDSK94	7707596	CURVED DISK SPRING 301 SS 0.75ID X 1.125OD
31DRB004	1730394	DRILL BUSHING, HEADLESS, PRESS FIT, 0.2031ID X 3/8 OD X 1/4L
31MBC121	7707421	MACHINERY BUSHING LOW-CARBON MILD STEEL 1/2ID X 7/8OD X 0.075THK
31NYF059	7707422	NYLON FLAT WASHER, REGULAR NATURAL COLOR #4, 0.120ID X 0.218OD X 0.031THK
31NYF070	7707423	NYLON FLAT WASHER, REGULAR NATURAL COLOR #5, 0.130ID X 0.285OD X 0.062THK
31NYF140	7707424	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/4, 0.252ID X 0.472OD X 0.060THK
31NYF170	7707425	NYLON FLAT WASHER, REGULAR NATURAL COLOR 3/8, 0.390ID X 0.75OD X 0.062THK
31NYF187	7707426	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/2, 0.505 X 0.750 X 0.062 THK
31NYN120	9950257000	NYLON FLAT WASHER, NARROW RIM NATURAL COLOR 1/4ID X 3/8OD X 1/32THK
31NYN170	7707428	NYLON FLAT WASHER, NARROW RIM NATURAL COLOR 1/2ID X 11/16OD X 1/32THK
31NYN210	7707429	NYLON FLAT WASHER, NARROW RIM NATURAL COLOR 5/8ID X 13/16OD X 1/32THK
31NYN280	7707430	Nylon 6/6 Small-OD Flat Washer 1" ID, 1-1/4" OD, .063" Thick
31RCW050	7707431	CUSHIONING WASHER PURE-RUBBER 1/2, 0.490ID X 1.062OD X 0.093THK
31SHS745	7707432	18-8 S.S. Shoulder Screw Shim - Shortening .030" Thick, 3/8" Shoulder Dia, .376" ID, .563" OD
31TBWK65	7707499	1.250 ID X 1.94 OD X 1/8 THICK THRUST BEARING WASHER
31WSSK69	7707463	WAVE DISK SPRING 1.261ID X 1.621 OD X 0.0185THK 18LB @ 0.0185DEF
32BHS825	7707597	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 1/4
32bhsc50	7707598	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 1/2
32bhse50	1730400	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 1/2
32BHSF38	1980279	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
32BHSF50	1980281	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2
32BHSFA3	7707599	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1-1/4
32BHSFA8	7707600	18-8 SS Button Head Socket Cap Screw 10-32 Thread X 1-3/4" Length
32BHSI50	1980303	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1/2
32fhcf50	7707601	FLAT HEAD SOCKET CAP SCREW, ALLOY STEEL, BLACK FINISH, #10-32 X 1/2
32FHS875	7707602	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 3/4

32FHSC38	1980432	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 3/8
32FHSC50	7707603	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 1/2
32FHSE38	1980456	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 3/8
32fhse75	7707604	FLAT HEAD SOCKET CAP SCREW, 18-8 STAINLESS, #8-32 X 3/4
32FHSEA0	7707605	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 1
32FHSF38	1980479	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
32FHSF50	1980461	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2
32FHSF63	1980483	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 5/8
32FHSF75	7707606	18-8 SS Flat Head Socket Cap Screw 10-32 Thread, 3/4" Length
32FHSFA0	1980486	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1
32FHSFA3	1980488	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1 1/4
32FHSI50	1980503	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1/2
32FPMF25	7707607	FLAT HEAD PHILLIPS MACHINE SCREW, #10-32 X 1/4
32HHSK75	1951991	HEX HEAD SCREW GRADE 5 5/16-18 X 3/4
32NHSC31	7707608	SOCKET HEAD CAP SCREW, NYLON, #6-32 X 5/16
32PPEC38	7707609	PANHEAD PHILLIPS W/EXTERNAL LOCK WASHER ZINC PLATED STEEL 6-32 X 3/8
32PPEF38	7707501	PANHEAD PHILLIPS W/EXTERNAL LOCK WASHER ZINC PLATED STEEL 10-32 X 3/8
32PPEI50	7707610	Pan Head Phil Machine Screw W/External Washer Zinc-Plated Steel, 1/4"-20 Thread, 1/2" Length
32SFSIC5	7707611	18-8 Stainless Steel Fully Threaded Stud 1/4"-20 Thread, 3-1/2" Length
32SHCF75	1900563	SOCKET HEAD CAP SCREW, #10-32 X .75, ALLOY STEEL
32SHCFA0	7707612	SOCKET CAP SCREW, ALLOY STEEL, BLACK FINISH, #10-32 X 1.00
32SHCI50	7707613	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 1/2
32SHCIA5	7707614	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH #1/4-20 X 1-1/4
32SHCIC3	7707615	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 3-1/4
32SHCKA0	7707616	Alloy Steel Socket Head Cap Screw 5/16"-18 Thread, 1" Length
32SHCKA3	7707617	Alloy Steel Socket Head Cap Screw 5/16"-18 Thread, 1-1/4" Length
32shs831	1980021	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 5/16
32SHS856	1980022	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 9/16
32SHS863	1730414	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 5/8
32SHS875	7707618	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 3/4
32SHS8A0	1730658	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 1
32SHS8A5	0147080007	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 1-1/2
32SHSC25	1980027	SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 1/4
32SHSC44	1730417	SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 7/16
32SHSE19	1922108	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 3/16
32SHSE38	1980047	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 3/8
32SHSE50	1922111	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 1/2
32SHSE63	1980051	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 5/8
32SHSE75	1730422	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 3/4
32SHSEA0	7707619	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 1
32SHSF31	1980069	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 5/16
32SHSF38	1980070	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
32SHSF50	1980072	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2
32SHSF75	1980075	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/4
32SHSF88	1980076	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 7/8
32SHSFA0	1980077	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1
32SHSFA3	1980079	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1-1/4
32SHSFA5	1980080	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1-1/2
32SHSFA8	1980081	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1 3/4

32SHSFB0	1980082	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 2
32SHSI38	1980093	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 3/8
32SHSI50	1980094	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1/2
32SHSI63	1980095	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 5/8
32SHSI88	1980097	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 7/8
32SHSIA0	1980098	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1
32SHSIA5	1980101	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1-1/2
32SHSIB0	1730438	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 2
32SHSIB3	7707620	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 2-1/4
32THMF50	1980630	TRUSS HEAD PHILLIPS MACHINE SCREW 18-8 STAINLESS #10-32 X 1/2
33CLN001	7707621	1/2" Conduit Locknut, Zinc Plated Steel
33HJCE20	7707622	Grade 5 Zinc-Plated Steel Hex Thin (Jam) Nut 7/16"-20 Screw Size, 11/16" WD, 1/4" HT
33hjsd16	1980801	HEX JAM NUT 18-8 STAINLESS 3/8-16
33HXS440	7707623	HEX NUT 18-8 STAINLESS #4-40
33HXS832	1980701	HEX NUT 18-8 STAINLESS #8-32
33HXSA32	1980702	HEX NUT 18-8 STAINLESS #10-32
33HXSB20	1980703	HEX NUT 18-8 STAINLESS 1/4-20
33NLS440	7707624	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS #4-40
33NLS832	1980851	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS #8-32
33NLSA32	1980852	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS #10-32
33NLSB20	1980853	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS 1/4-20
34cpac13	1730450	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #6-32 X 1/8
34CPAE25	7707625	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #8-32 X 1/4
34CPAF19	1900090	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #10-32 X 3/16
34CPAF38	1900091	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #10-32 X 3/8
34CPAI25	1900093	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 1/4
34CPAI38	7707626	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 3/8
34CPAI75	7707627	Alloy Steel Cup Point Socket Set Screw 1/4"-20 Thread, 3/4" Length
34NLPF38	7707502	NYLON PATCH ALLOY STEEL, BLACK FINISH SET SCREW #10-32 X 3/8
34SPBF19	1730455	BRASS TIPPED SOCKET SET SCREW ALLOY STEEL,BLACK FINISH #10-32 X 3/16 LGTH
34SPBF25	7707628	BRASS TIPPED SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #10-32 X 1/4, 3/64TIP LGTH
36DAA020	7707629	DOME HEAD OPEN-END BLIND RIVET ALUMINUM BODY, STEEL MANDREL 1/8DIA X 0.126-0.187GRP
36DSS050	7707630	Plain Steel Std Blind Rivet W/Steel Mandrel Dome, 3/16" Dia, .126"-.250" Matl Thk
36HEL002	7707631	18-8 SS Screw-Lock Helical Insert 10-32 Internal Thread, .285" Length
3710Z250	7707433	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/4 SHAFT
3710Z375	7707434	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 3/8 SHAFT

3710Z500	7707435	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/2 SHAFT
3731Z375	7707464	Retaining Ring Series 3100.352G .029W .36W
3731Z500	7707465	Retaining ring series 3100 .468G .039W .048E
3731Z875	7707466	Retaining Ring Series 3100.821G .046W
3731ZA25	7707632	Retaining Ring Series 3100 1.176G .056W
3741Z750	7707436	External Retaining Ring, 3/4" shaft, inside lugs
3771Z500	7707467	SELF-LOCKING EXTERNAL RETAINING RING SPRING STEEL, 1/2 SHAFT
37ESRA25	7707468	Spring Steel External Spiral Retaining Ring For 1-1/4" Shaft Dia, Fits 1.176" Groove Dia
38C1A375	7707633	ONE-PIECE CLAMP STYLE COLLAR ALUMINUM 3/8ID X 7/8OD X 3/8W
38C1C500	9950012	ONE-PIECE CLAMP STYLE COLLAR STEEL, BLACK FINISH 1/2ID X 1-1/8OD X 13/32W
38C2C500	7707634	TWO-PIECE CLAMP STYLE COLLAR STEEL, BLACK FINISH 1/2ID X 1-1/8OD X 13/32W
38CIA750	7707635	One-Piece Aluminum Clamp-On Collar 3/4" Bore, 1-1/2" Outside Diameter, 1/2" Width
38SSA375	7707636	SHAFT COLLAR, SET SCREW STYLE, STEEL (ZINC PLATED) 0.375 ID
39WCS404	7707469	WOODRUFF KEY PLAIN STEEL USA #404
3ACCS575	7707438	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 3/4
3ACCS5A0	7707439	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1
3ACCS5A3	7707440	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1-1/4
3ACCS675	7707441	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 5/32 X 3/4
3ADCS550	7707437	1/8 X 1/2 hardened steel dowel pin
3ADCS5A0	7707471	DOWEL PIN ALLOY STEEL, HARDENED AND GROUND 1/8 X 1
3ADCSB75	7707442	DOWEL PIN ALLOY STEEL, HARDENED AND GROUND 3/8 X 3/4
3ADCSI06	7707637	Metric 18-8 Hardened Steel Dowel Pin M2 Diameter, 6mm Length
3ARCS5B0	7707443	Plain Steel Spring Pin 1/8" Dia, 2" Length
3BPSK419	7707638	18-8 SS Precision Hex Socket Shoulder Screw 1/4" Shoulder Dia, 3/16" L Shoulder, 10-32 Thread
3CRSA443	7707639	ROUND SPACER ALUMINUM 1/4OD X #4ID X 3/16L
3CRSA464	7707640	ROUND SPACER, ALUMINUM, 1/4 OD X #6 ID X 1/4 LONG
3CRSA5A2	1924817	ROUND SPACER ALUMINUM 5/16OD X #10ID X 1/4L
3CRSA6A4	7707641	Aluminum Unthreaded Round Spacer 3/8" OD X #10 ID X 1/4" LONG
3CRSA6A8	1924819	ROUND SPACER ALUMINUM 3/8 OD X #10 X 1/2 L
3CRSA6AC	1924820	ROUND SPACER ALUMINUM 3/8OD X #10ID X 3/4L
3CRSA6AE	7707642	ROUND ALUMINUM SPACER 3/8 OD X #10 ID X 7/8 LONG
3CRSA6AK	7707643	ROUND SPACER ALUMINUM 3/8OD X #10 ID X 1-1/4 LONG
3CRSA88C	7707644	Aluminum Unthreaded Round Spacer 1/2" OD X #8 ID X 3/4 LONG
3CRSA8A8	1730467	ROUND SPACER ALUMINUM 1/2OD X #10ID X 1/2L
3CRSA8C6	1730468	ROUND SPACER ALUMINUM 1/2OD X 1/4ID X 3/8L
3CRSC6A4	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4L
3CRSC6AA	1730471	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10 ID X 5/8L
3CRSC8AA	1730472	ROUND SPACER, STEEL, 0.500 OD X 0.192 ID X 0.625 LG
3CRSC8AG	9950271	ROUND SPACER STEEL 1/2OD X #10ID X 1L
3CRSN44E	7707646	Nylon Unthreaded Round Spacer 1/4" OD, 7/8" Length, #4 Screw Size
3CRSN488	7707647	Nylon Unthreaded Round Spacer 1/4" OD, 1/2" Length, #8 Screw Size
3CRSN686	1771450	ROUND SPACER NYLON 3/8OD X #8ID X 3/8L
3DRSAABG	1730477	ROUND STANDOFF, ALUMINUM, 5/8OD X #10-32ID X 1L
3DRSB44A	7707648	Znc-Pltd Brass Threaded Round Standoff-1/4" OD 5/8" Length, #4-40

3FMA2675	7707444	COMPRESSION SPRING, MUSIC WIRE, 0.360 OD X 0.026 WIRE DIA X 3/4L
3FMA32B0	7707445	COMPRESSION SPRING, MUSIC WIRE, 0.36 OD X 0.032 W X 2.0 L
3FMD4250	7707446	COMP spring 0.042 X 0.455 X 0.500 MUSIC
3FMI59A8	7707513	COMPRESSION SPRING MUSIC WIRE, PLATED 0.72OD X 0.059WD X 1.5L
3GM822B5	7707447	EXT spring 0.022 X 0.240 X 2.50 MUSIC
3GM915B5	7707448	EXTENSION SPRING, MUSIC WIRE, STEEL, 1/4OD X 0.015W X 2.5L
3GM918A0	7707449	EXTENSION SPRING, MUSIC WIRE, STEEL, 0.250OD X 0.022W X 1.000L
3GME25A9	7707450	EXTENSION SPRING, MUSIC WIRE, STEEL, 11/32OD X 0.025W X 1-7/8L
3GME34A5	7707451	EXT spring 0.034 X 0.360 X 1.50 MUSIC
3GME34A8	7707452	EXT spring 0.034 X 0.360 X 1.75 MUSIC
3GME41A0	7707453	EXT spring 0.041 X 0.36 X 1.00 MUSIC
3GME45A1	7707503	EXT spring 0.045 X 0.36 X 1.12MUSIC
3GMF39A5	7707454	EXT SPRING .375OD X .039 WIRE X 1.50LG
3GMF41A8	7707455	EXTENSION SPRING, MUSIC WIRE, 0.375OD X 0.041W X 1.75L
3GMP69D5	7707473	EXTENSION SPRING MUSIC WIRE 5/8OD X 0.069W X 4.5L
3GS514A0	7707456	EXT spring 0.014 X 0.188 X 1.00 MUSIC
3GY929A0	7707474	Steel Extension Spring Zinc-Plated, 1" Lg, 1/4" OD, .029" Wire
3NMCT004	7707649	Magnetic Catch
3NSNR001	7707514	Snap-In Flush Mnt ABS Plastic Recessed Handle 3-45/64" W X 1-15/32" H O'all, .055"-.070" Panel Thk
3OSCR1DS	7707504	Stainless Steel Door hinge leaf, removable style
3OSCR1FS	7707505	Stainless Steel Frame hinge leaf, removable style
3PCST104	7707650	SWIVEL CASTER
3PMNT004	7707506	LEVELING MOUNT, ZINC PLATED STEEL, ELASTOMER RUBBER, 1/2-13 X 3", 1.97" BASE DIAMETER
3QRSR014	1730491	RECESSED BUMPER RUBBER 5/8OD X 5/32ID X 9/32H
3QRSR046	7707651	Recessed Rubber Bumper W/Washr, 23/32" Base Dia, 13/32" Proj, 5/16" Top Open WD
3QSTAK16	7707515	Solid Stem Rubber Plug Bumper Flat, 9/16" Head Dia, 1/8" Proj, 1/4" Stem Dia
3QSTS121	7707516	Solid Stem Rubber Plug Bumper Flat, 17/32" Head
3RBUN001	7707457	Buna-N O-Ring As568A Dash No. 215
3USTL219	7707652	Chrome Steel Ball 7/32" Diameter, Grade 25
3VGBC006	6009106	FCC LABEL 1 PRESSURE SENSITIVE VINYL 1/2 X 2-1/4
3VGBC013	6009078	CSA APPROVAL LABEL NRTL/C W/SERIAL #
3VGBC058	6009178	CE LABEL PRESSURE SENSITIVE ADHESIVE
3VGBC075	1155022	GBC WARRANTY CARD
3VGBC086	7707653	"GBC Quantum P70iX" Label
3VGBC087	7707654	"Don't Stand" Label
3VGBC088	7707655	"Moving Parts (Belt)" Label
3VGBC089	7707656	"Crush Hazard" Label
3VGBC090	7707657	"Moving Parts" Label
3VGBC092	7707658	"Can. Class A" Label
3VGBC093	7707659	Quantum Serial Number Label
3VGBC094	7707660	"On/Off" Label
3VGBC095	7707661	"Shock Triangle" Label
3VGBC097	7707662	"Ground Symbol" Label
3VGBC098	7707663	"Electrical Shock" Label
3VGBC099	7707664	"Risk of Explosion" Label
3VGBC100	7707665	"Earth Ground" Label

3VGBC101	7707666	"TUV GS" Label
3VGBC103	7707667	Quantum P70iX User Guide
3ZGSS073	9950109	BALL STUD FOR GAS SPRING 10MM BALL, 5/16-18 STUD
3ZGSS079	7707458	BALL SOCKET END FITTING PLASTIC FOR 10MM BALL, M6 FEMALE THREAD
3ZGSS164	7707517	Gas Spring With Threaded Ends 5.47" Stroke Length, 40LBS
3ZGSS165	7707518	Gas Spring With Threaded Ends 5.47" Stroke Length, 50# force
40P08F3B	7707519	POWER CORD, NEMA 6-15P X IEC-320-C13, 14/3 SJT, 8' , BLACK
42BUS224	7707668	Liquidtight Strain Relief Cord Connector, 1/2" Conduit, Cable Range 0.250 - 0.375 Inches
42BUS244	7707669	Strain Relief Bushing
42GMMK14	7707670	GROMMET, RUBBER, 5/8"OD X 1/4"H X 7/16" GROOVE DIAMETER
42GMTK21	7707671	Military Specification Rubber Grommet MS 35489 No. 35, AN 931 No. A4-7
42GMTK32	7707672	Standard SBR Rubber Grommet 3/8" Hole Dia, 1/16" Groove WD, 1/2" Groove Dia
42GMTK37	7707673	Rubber Grommet MS 35489 No. 91, AN 931 No. C3-5, H 3/16, GW 1/4, T 3/8, OD 7/16, GD 5/16
42GMTK61	7707674	Military Specification Rubber Grommet MS 35489 No. 23, AN 931 No. 16-22
42GMTK75	7707675	Rubber Grommet MS 35489 No. 56, AN 931 No. A24-28, H 1.5, GW 1/8, T 1/2, DP 2-1/8, DG 1.75
42THD002	1931048	PUSH CABLE TIE HOLDER WHITE NYLON FOR 0.25 HOLE
42THD004	9950306	TIE ANCHOR
42TIE004	1932124	CABLE TIE NATURAL NYLON 0.1 X 4
42TIE414	1771420	CABLE TIE NATURAL NYLON 0.188 X 14
42TIS408	1771419	SCREW MOUNT CABLE TIE NYLON 3/16 X 8 FOR #10
45AMP027	7707676	MTA-100 Connector, 24 AWG, White, for Vexta Cables
45MLX106	9950315	FEMALE QUICK CONNECT INSULATED 14-16 AWG 0.250 X 0.032
45MLX111	7707677	MALE QUICK CONNECT, INSULATED INSULATED 22-18 AWG, 0.187 X 0.020
45WIM003	9950046000	MALE CONNECTOR W/FIXING FLANGES, GREY THERMOPLASTIC 5MM PITCH X 3 POLE
45wim007	9950047000	MALE CONNECTOR W/FIXING FLANGES, GREY THERMOPLASTIC 5MM PITCH X 7 POLE
4FBETA05	7707520	Circuit Breaker, Rocker Actuated, 2-pole
4JCHY001	7707459	Line Interupt Interlock Switch
4JMBT012	7707477	Miniature Switch, Simulated Roller
4JMBT015	7707478	MINIATURE BATT SWITCH HIGH FORCE 1.40 STRAIGHT BATT
4JMBT017	7707507	Miniature Switch, Roller Lever
4JMBT019	7707508	Minature Switch, Straight Lever
4JMPG001	7707480	Miniature Switch, Pin Plunger
4JMPG002	7707481	Miniature Switch, Pin Plunger, Light Force
4LDR0013	7707521	Photoelectric sensor, Polarized Retroreflective, NPN, Dark,
4LPHE001	7707522	Photoelectric Sensor
4LRFS011	7707523	Corner Cube Reflector Disc, 26 mm Dia.
4MEBEN01	7707482	Rotary Optical Encoder
4MHCLR01	7707678	HALL EFFECT ROTARY POSITION SENSOR
4PMWL001	7707524	24-Volt Power Supply
4PMWL002	7707525	5-Volt Power Supply
4TVDC001	7707526	Variable Speed DC Motor
4UGP0013	7707527	Compact DC Gearmotor 41 Max RPM, 19.1 VDC
4UGP0017	7707509	Subfractional DC Gearmotor 24 VDC, 25 RPM
4UGP0018	7707528	Subfractional DC Gearmotor 24 VDC, 47 RPM

4UGP0019	7707529	Subfractional DC Gearmotor 24 VDC, 4.7 RPM
4USCK212	7707530	DC Motor Controller, Regenerative
4VVXTB0C	7707679	Extension Cable for Brushless DC Motor
4VVXTB0D	7707531	Brushless DC Motor Driver (INCLUDED W/ MOTOR 4VVXTB0M)
4VVXTB1M	7707532	Brushless DC Gear Motor
4VVXTBOM	1722899	BRUSHLESS GEARMOTOR WITH DRIVER BOARD
4YCZWPC5	7707533	BL2100 W/ BOTTOM MOUNT CONNECTORS
4YDSP001	7707534	Graphic LCM Display 320 X 240
4ZPST104	7707535	Power Inlet/Filter
51CL386R	7707536	TUBING RED POLYURETHANE 1/4OD X 0.060W
536CM410	7707680	MALE BARB CONNECTOR 1/8IDT X #10-32
536EM410	0482004200	MALE ELBOW BARB FITTING BRASS 1/8IDT X #10-32
5CBCF1AD	7707537	FLAT-1 AIR CYLINDER DOUBLE ACTING 9/16B X 1S
60BS0688	1730531	OIL IMP BRG SIN BRONZE 3/8ID X 1/2OD X 1/2L PLAIN
60BS08A6	1771427	OIL IMP BRG SIN BRONZE 1/2ID X 5/8OD X 3/8L PLAIN
60BS08AE	7707681	SAE 841 Unmounted Plain Bronze Sleeve Bearing For 1/2" Shaft Dia, 5/8" OD, 7/8" Lg
60BSF684	7707538	OIL IMP BRG SIN BRONZE 3/8ID X 1/2OD X 1/4L FLANGE BEARING
60TH724T	7707483	Snap-In Nylon Bearing For 1/8" Shaft Diameter, 1/4" O'all Diameter
60TH7472	7707484	SNAP-IN SLEEVE BEARING, NYLON, 1/4 ID X 7/16 OD
60TH7892	7707485	SNAP IN SLEEVE BEARING, NYLON, 1/2ID X 9/16OD X 0.140T
60TH7CDT	7707486	SNAP IN NYLINER BEARING NYLON 0.75 ID X 0.812 X 0.140L
60TNI4VC	7707460	FLANGED PLAIN BEARING, NYLON, 1/4" ID, .2965 OD, 1/4" L
60TNI672	7707461	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
60TS7CET	7707487	SNAP IN SLEEVE BEARING NYLON, TEP 642 3/4 ID X 7/8 OD X 0.140 T
61RI0361	7707512	RADIAL BALL BEARING SHIELDED, EXTENDED INNER RACE 0.1875ID X 0.5OD X 0.2272L
61RI06R9	7707510	Radial ball bearing, 3/8 ID
61RI0815	7707511	RADIAL BALL BEARING SEALED 1/2ID X 1-1/8OD X 5/16W
61RI0GS1	7707539	1" RADIAL BALL BEARING
61RI0KT1	7707540	1.25" RADIAL BALL BEARING
61RIFCWA	7707541	RADIAL BALL BEARING 0.750 X 1.625 X .438 WIDE
61TBG811	7707542	Steel Ball Thrust Bearing For 1/2" Shaft Dia, 1-7/32" OD, Shielded
62TRBK38	7707682	CAGE ASSY FOR THRUST ROLLER BEARING 1.250 ID X 1.94 OD X 5/64 THICK
63ADJ001	7707543	Adjustable-Height Radial-Load Track Roller 1" Roller Dia, 5/8" Roller Width
63SDUS01	7707544	Radial-Load Stud Track Roller Sealed, 1/2" Roller Dia, 3/8" Roller Width
63SDUS02	7707545	Radial-Load Stud Track Roller Sealed, 1" Roller Dia, 5/8" W, 7/16" Stud Dia
65LBB001	7707546	Fixed-Alignment Linear Ball Bearing Closed, Steel, 1/4" Inside Diameter
6BJ14030	7707547	Pitch Htd Endless Rubber Timing Belt 8mm Pitch, 1200mm Outer Circle, 30mm WD
6BTL450U	7707548	TIMING BELT 3/8 PITCH 50T URETHANE
6BTL8515	7707683	Timing Belt, Polyurethane, low friction teeth
6BTX409R	7707488	TIMING BELT RUBBER 90XL037
6BTX424R	7707489	TIMING BELT RUBBER 240XL037
6BTX436R	7707490	TIMING BELT RUBBER 360XL037
6BTX440R	7707491	400XL037 Neoprene Timing Belt
6BVA5355	7707492	A-Section Endless Rubber V-Belt Trade Size A53, 55" Outer Circle
6CMST035	7707493	Spring Clip Type #35 Connecting Link
6CR3500S	7707684	Roller Chain, #35, Steel
6DHTD001	7707685	Htd Series Timing Belt Pulley For 8mm Pitch, 30mm WD Belt, 90 Teeth

6DHTD002	7707686	Htd Series Timing Belt Pulley For 8mm Pitch, 30mm WD Belt, 3.15" OD, 28 Teeth
6DTA4205	1771376	TIMING PULLEY CLR ANOD ALUM 20XL037, 5/16B
6DTA4306	7707687	TIMING PULLEY, CLR ANOD ALUM, 30XL037, 3/8 B
6DTA4325	7707688	TIMING PULLEY CLR ANOD ALUM 32XL037, 5/16B
6DTA4326	7707689	TIMING PULLEY CLR ANOD ALUM 32XL037, 3/8B
6DTH4306	7707549	XL Timing Belt Pulley, 30T,w/molded Failoc Hub
6DVBBK34	7707690	Cast Iron Finished-Bore V-Belt Pulley 3.55" OD, 5/8" Bore
6DVBK140	7707691	Cast Iron Finished-Bore V-Belt Pulley 13.75" OD, 1" Bore
6EIDL001	7707550	19T #35 ROLLER CHAIN IDLER SPROCKET
6FQDBSHA	7707692	Quick-Disconnect Bushing Style H 1.00 Bore
6FQDBSKB	7707693	Quick-Disconnect Bushing Style Sk 1.25 Bore
6FSRCR01	7707694	Light Duty Reducer Bushing 1/2" OD, 3/8" ID, 1-1/8" Length
6JR00001	7707695	Steel Needle-Roller Clutch Bearing Acetal Cage, 3/8" Shaft Dia, 5/8" OD, 7/8" WD
6JR40708	7707696	Steel Needle-Roller Clutch Bearing Acetal Cage, 1/4" Shaft Dia, 7/16" OD, 1/2" WD
AP253000	0147080006	BRAIDED GROUND CABLE ASSEMBLY
BE001001	7707697	Roller
BE002000	7707698	Finger Side Plate
BE003000	7707699	Finger Frame
BE003100	7707700	Simple Finger Frame
BE004000	7707701	Narrow Shim
BE006000	7707702	Switch Trigger
BE007001	7707703	Wide Shim
BE009001	7707704	Trolley
BE012000	7707705	Timing Shaft
BE013000	7707706	Conveyor Frame
BE015001	7707707	Feeder Platform
BE024000	7707708	Conveyor Clamp
BE025000	7707709	Conveyor Front Cover
BE043002	7707710	Bearing Bracket
BE044000	7707711	Nose (inner)
BE044100	7707712	Nose (outer)
BE047000	7707713	Linear Guide Shaft-No Chamfer on Ends
BE049000	7707714	Interlock Bracket
BE054000	7707715	Encoder Stay
BE055L00	7707551	Plain Lift Screw
BE055R00	7707552	Clamp Lift Screw
BE056L01	7707716	Left Nut Stay
BE056R01	7707717	Right Nut Stay
BE057000	7707718	Limit Switch Bracket
BE058000	7707719	Idler Ring
BE061000	7707720	Guide Strip
BE070000	7707721	Drive Pulley
BE071001	7707722	Roll Door Up Switch Brkt
BE072000	7707723	Stacker Platform
BE073000	7707724	Conveyor Front Cover
BE074000	7707725	Paper Out Bracket
BE075001	7707726	Feeder Platform One
BE076000	7707727	Thrust Cup
BE078000	7707728	Inverter Anchor

BE079001	7707729	Finger Guard
BE080000	7707730	Feeder Platform 2+3
BE081000	7707731	Right Tie Bracket
BE082000	7707732	Left Tie Bracket
BEA01100	7707563	BELT FINGER SUB ASSY, POSITION 1
BEA01200	7707564	BELT FINGER SUB ASSY, POSITION 2
BEA01300	7707565	BELT FINGER SUB ASSY, POSITION 3 & 4
BEA01500	7707566	BELT FINGER SUB ASSY, POSITION 5
BEA22000	7707733	Horizontal Cross Member
BEA45002	7707734	Right Side Plate
BEA46001	7707735	Left Side Plate
BEA52000	7707736	Drive Base
CC008000	1730557	HEX BUSHING
FM012000	7707737	PN Clamp
FM025000	7707738	Gutter
FM036010	7707739	PN Brace
FM037000	7707740	PR Spacer
FM044002	7707741	Interlock Cover
FM046000	7707742	Strain Relief Bracket
FM047000	7707743	CASTER SPACER
FMA13002	7707744	Electrical Panel
FMA18000	7707745	Back Strut
FMA23000	7707746	Left Back Hinge Bracket
FMA24000	7707747	Right Back Hinge Bracket
FMA34000	7707748	Front Strut
FMA38001	7707749	Left Extension Assembly
FMA39001	7707750	Stacker Port
FMA40010	7707751	Frame Weldment
FMA43000	7707752	Stacker Back Stop
FMMIO002	7707553	Main I/O board
FMT14000	7707462	Interlock Service Key
FMW01000	7707753	Main Motor Cable
FMW02000	7707754	Main Home Sw Cable
FMW03000	7707755	Main Encoder Cable
FMW04000	7707756	Lifter Assembly Cable
FMW04100	7707757	Stacker Assembly Cable
FMW04200	7707758	Belt Conveyor Switch Harness
FMW05000	7707759	Lifter Encoder Cable
FMW05100	7707760	Stacker Encoder Cable
FMW06000	7707761	Lift Pot + Entr Sensor Cable
FMW07000	7707762	Lifter Signal Cable
FMW07100	7707763	Stacker Signal Cable
FMW08000	7707764	TBJ3 Cable Assy
FMW09000	7707765	TBP4 Cable Assy
FMW10000	7707766	TBP3 Signal Cable
FMW11000	7707767	TBJ4 Signal Cable
FMW12000	7707768	Dieset Assy Cable
FMW13000	7707769	Dieset Signal Cable
FMW14000	7707770	Covers Interlock Cable
FMW16000	7707771	Stack Paper Switch Cable
fmw17010	7707772	Exit Sensor Cable
FMW18000	7707773	5VPSU-AC Cable

FMW19000	7707774	5VPSU-DC Cable
FMW20000	7707775	24VPSU-AC Cable
FMW21000	7707776	24PSU-DC Cable
FMW23000	7707777	Main AC Power Switch Cable
FMW24000	7707778	RIBBON CABLE
FMW25000	7707779	AC Power Inlet Cable
FMW26000	7707780	Main Controller AC Power Cable
FMW27000	7707781	Main Controller Signal Cable
FMW28000	7707782	Display Cable
FMW29000	7707783	Vexta Motor Controller Cable
FMW30000	7707784	Display Panel Ground Strap
FMW31000	7707785	Slug Bin Switch Cable
IS004040	7707786	SHAFT
IS007040	7707787	GENEVA DRIVER ARM
IS009030	7707788	DRIVE GEAR
IS010040	7707789	DRIVEN PARTIAL GEAR
IS015030	7707790	SHAFT
IS018010	7707791	DRIVEN GEAR
IS020040	7707792	HOLLOW SHAFT
IS021070	7707793	FLIPPER SPIDER
IS0230A0	7707794	INNER CAM
IS024040	7707795	GENEVA STOP
IS032000	7707796	THREADED ROD
IS034040	7707797	STANDOFF
IS040030	7707798	DRIVEN ROLLER BUSHING
IS041020	7707799	SHAFT CLAMP
IS044040	7707800	DRIVEN GEAR
IS0470A0	7707801	CLAMP BRACKET
IS048030	7707802	YOKE
IS049040	7707803	LINK
IS050020	7707804	SHAFT
IS051040	7707805	LINK
IS052050	7707806	FLIPPER SPIDER
IS061030	7707807	SPACER SHAFT
IS062040	7707808	STANDOFF
IS064020	7707809	SHAFT
IS066020	7707810	GENEVA STAR WHEEL
IS067020	7707811	COUPLING HUB
IS068040	7707812	LATCH ARM
IS069080	7707813	EXTERNAL CAM
IS071030	7707814	LATCH SHAFT
IS072040	7707815	LARGE HUB
IS074020	7707816	LOWER INPUT PULLEY
IS075020	7707817	DRIVEN INPUT SHAFT
IS076L80	7707818	LOWER INFEED PLATE LH
IS076R80	7707819	LOWER INFEED PLATE RH
IS078020	7707820	DRUM SLEEVE
IS080000	7707821	STANDOFF SHAFT
IS081090	7707822	UPPER SIDE PLATE
IS086040	7707823	DRUM HUB
IS087030	7707824	BELT DRIVE SHAFT
IS088020	7707825	BRACKET

IS089020	7707826	HUB
IS090010	7707827	DRIVEN BEVEL GEAR SHAFT
IS091010	7707828	HUB
IS092010	7707829	DRIVEN GEAR
IS093020	7707830	WEIRD PART
IS094000	7707831	TRANSFER GEAR
IS095000	7707832	STUB SHAFT
IS096010	7707833	HUB
IS097060	7707834	NIP PIVOT BRACKET
IS098000	7707835	16T XL TIMING BELT PULLEY WITH CENTER GROOVE
IS099030	7707836	LOWER INFEED BRACKET
IS100010	7707554	13T L BELT PULLEY
IS103080	7707837	FRONT PLATE
IS104000	7707838	SPRING ANCHOR ROD
IS105000	7707839	PULLEY FLANGE
IS106050	7707840	REAR PLATE
IS111060	7707841	CAM CLAMP
IS113050	7707842	EXTERNAL CAM
IS116040	7707843	DETECT SHAFT
IS121080	7707844	STACK DETECTOR CAM
IS122080	7707845	LIFT ARM
IS123060	7707846	STOP BRACKET
IS125040	7707847	DETECT FINGER
IS127020	7707848	SWITCH ACTUATOR
IS128030	7707849	PIVOT BLOCK
IS129020	7707850	DETECT SHAFT
IS130020	7707851	DETECT PIVOT ARM
IS131020	7707852	DETECT LIFT ROD
IS132010	7707853	COVER
IS133030	7707854	SENSOR BRACKET
IS134000	7707855	CHAIN IDLER SPACER
IS135000	7707856	20 L TIMING BELT PULLEY
IS136000	7707857	BELT TENSION TUBE
IS137000	7707858	TENSIONER SHAFT
IS138010	7707859	TENSION BLOCK
IS139000	7707860	DISK
IS140010	7707861	Long Hub
IS141060	7707862	INFEED BRACKET
IS142000	7707863	SHORT HUB
IS143000	7707864	MOUNT BLOCK
IS144020	7707865	DUST COVER
IS145000	7707866	CLUTCH SPROCKET 20T #35 ROLLER CHAIN
IS146010	7707555	12 PITCH 15T BEVEL GEAR
IS148000	7707867	13T L BELT PULLEY IDLER
IS149000	7707868	BEARING SHAFT
IS150010	7707869	DEFLECTOR
IS151010	7707870	MOUNT BOSS
IS153020	7707871	BEARING PLATE
IS154000	7707872	NIP PIVOT BRACKET REAR
IS155000	7707873	Geyser Tray
IS156010	7707874	Reflector Mount
ISI102010	7707567	IS ROLLER CHAIN 42.375 LONG

ISS01000	7707568	NIP ROLLER
ISS02000	7707569	CAM CLAMP
ISS060S0	7707570	CHAIN OVERLOAD CLUTCH STRONG
ISS060W0	7707571	CHAIN OVERLOAD CLUTCH WEAK
ISS14000	7707572	INVERTER CLAMP
ISS26000	7707875	GEAR AND HUB ASSEMBLY
ISW01010	7707573	INVERTER DRUM
LF103080	7707876	GRASPER IN OUT CAM
LF104080	7707877	GRASPER UP DOWN CAM
LF105060	7707878	INNER FRAME PLATE
LF1070B0	7707879	PICK IN OUT CAM
LF108010	7707880	FLAT BELT DRIVE PULLEY
LF109030	7707881	FLAT BELT PULLEY HUB
LF110010	7707882	FLAT BELT DRIVE SHAFT
LF111010	7707883	CENTER STANDOFF
LF1120A0	7707884	PICK UP DOWN CAM
LF113040	7707885	CAM SHAFT
LF115050	7707886	GUIDE ROD MOUNT BRACKET
LF126060	7707887	GRASPER
LF127010	7707888	GRASPER FOLLOWER BRACKET
LF129000	7707889	PICK IN OUT PIVOT SHAFT
LF132000	7707890	PICK IN OUT BRACKET
LF134000	7707891	GRASPER ARM
LF135010	7707892	GRASPER LINK
LF136050	7707893	INPUT PAPER STOP
LF137040	7707894	GRASPER CAM BRACKET
LF140030	7707895	CAM BRACKET PIVOT SHAFT
LF141010	7707896	GRASPER SHAFT BRACKET
LF142010	7707897	MID SIZE LINK ARM
LF147000	7707898	STANDOFF
LF162010	7707899	SPACER B
LF163010	7707900	SPACER C
LF164010	7707901	SPACER D
LF165020	7707902	SPACER E
LF166030	7707903	SPACER F
LF167010	7707904	SPACER A
LF170000	7707905	IDLER BRACKET
LF176020	7707906	CROSS BAR
LF179020	7707907	IDLER SHAFT
LF180020	7707908	IDLER PIVOT SHAFT
LF185020	7707909	SENSOR ARM
LF187020	7707910	STACK DETECT PIVOT SHAFT
LF190000	7707911	DRIVE GEAR
LF191000	7707912	INTERMEDIATE GEAR
LF192000	7707913	DRIVEN GEAR
LF193000	7707914	GEAR STUB SHAFT
LF194020	7707915	STACK SWITCH ACTUATOR BRACKET
LF196020	7707916	PICKER PIVOT BRACKET
LF199090	7707917	STACK DETECT MOUNT BRACKET
LF203060	7707918	RIGHT SIDE PLATE
LF204010	7707919	LINEAR SHAFT
LF207070	7707920	LEFT SIDE PLATE

LF209010	7707921	UPPER BEARING BRACKET
LF210030	7707922	GRASPER ROLLER BRACKET
LF211020	7707923	LOWER BEARING BLOCK
LF212L30	7707924	CENTER MOUNT BRACKET, LEFT
LF212R30	7707925	CENTER MOUNT BRACKET, RIGHT
LF214080	7707926	IDLER CARRIAGE
LF215020	7707927	GRASPER DRIVE SHAFT
LF216000	7707928	GRASPER PIVOT SHAFT
LF218020	7707929	GRASPER SPRING FINGER
LF221000	7707930	GRASPER ROLLER SHAFT
LF222060	7707931	PICK FINGER
LF223040	7707932	PICK FINGER BRACKET
LF225020	7707556	1.0 WIDE X 50.36 LONG FLAT BELT
LF227030	7707933	SUPPORT BRACKET
LF228010	7707934	CENTER SUPPORT BRACKET
LF230000	7707935	TEE
LF300010	7707936	INFEED LEAF
LF303040	7707937	CENTER INFEED BRACKET TOP
LF3050B0	7707938	DETECTOR BRACKET
LF306L40	7707939	ANTI BACKUP BRACKET LEFT
LF306R40	7707940	ANTI BACKUP BRACKET RIGHT
LF307010	7707941	BEARING BLOCK
LF308070	7707942	STACK TOP FINGER
LF310000	7707943	ORING SLEEVE
LF312010	7707944	DUAL PULLEY SHAFT
LF313020	7707945	ARM
LF314000	7707946	MID SIZE LINK ARM
LF316010	7707947	INFEED MOUNT SHAFT
LF318000	7707948	BUMPER MOUNT FINGER
LF319030	7707557	DETECT FINGER B
LF320000	7707949	CLAMP BRACKET
LF321070	7707950	Aux Pick Finger
LF323000	7707951	IDLER ROLLER
LF324000	7707952	RETARD PIVOT SHAFT
LFS01000	7707494	GRASPER ROLLER AND CLUTCH
LFS02000	7707953	FEEDER DECK W/PEMS
LFS03000	7707574	LIFT DETECT SENSOR
LFS04000	7707575	LF DRUM
LFS06000	7707576	ANTI-BACKUP ROLLER SET
PN001040	7707954	SIDE PLATE
PN002020	7707955	DIE SET MOUNT
PN004020	7707956	PUNCH DRIVE ARM
PN005020	7707957	DRIVE BAR
PN006050	7707958	CAM SHAFT
PN007030	7707959	STRIPPER BRACKET
PN008010	7707960	TIE BAR
PN012010	7707961	DIE SET MOUNT BAR
PN013000	7707962	CAM FOLLOWER MOUNT
PN014010	7707963	TRANSFER SHAFT
PN016000	7707964	STANDOFF
PN018000	7707965	CROSS BAR
PN019020	7707966	DIE SET HOLD DOWN

PN022000	7707967	BEARING BLOCK
PN023010	7707968	MOTOR BRACKET
PN028010	7707969	DIE SET INFEED
PN029020	7707970	INFEED MOUNTS
PN031030	7707971	MOUNT BLOCK
PN032010	7707972	SLUG CHUTE
PN033000	7707973	SLUG CHUTE RETAINER
PN034L20	7707974	DIESET DRIVE CAM LEFT
PN034R20	7707975	DIESET DRIVE CAM RIGHT
PN035090	7707976	DIE CLAMP BRACKET
PN036030	7707977	DIE CLAMP WEDGE PLATE
PN037010	7707978	DIESET CLAMP CAM
PN040020	7707979	CLAMP MOTOR GEAR
PN041020	7707980	CAM GEAR
PN042030	7707981	DIESET PIN LATCH
PN043050	7707982	DIE ADJUST MOUNT BRACKET
PN044050	7707983	DIE ADJUST SCREW
PN045010	7707984	DIE ADJUST BLOCK
PN048000	7707985	CAM SHAFT
PN058010	7707987	Sprocket
PN059010	7707988	SPROCKET HUB
PN060020	7707989	HOME SWITCH ACTUATOR
PN061030	7707990	Switch Bracket
PN063000	7707991	Handwheel
PN064000	7707992	BEARING RETAINER SPACER
PN0650C0	7707993	BARCODE SENSOR BRACKET
PN066020	7707994	SENSOR BRACKET
PN067000	7707995	Encoder Bracket
PN068010	7707996	SLUG BIN BODY
PN069010	7707997	SLUG BIN END
PN071000	7707998	GEAR HUB
PN072000	7707999	FOLLOWER WEAR PLATE
PN073000	7708000	SQUARE KEY
PN077000	7708001	SENSOR SPRING CLIP
PN078000	7708002	Rear Clamp Finger
PN079010	7708003	LEVER ARM
PN080000		WASTE BIN SENSOR BRACKET
PNO54000	7707986	Slug Bin Tray
PR102030	7708004	ADJUST ACME ROD
PR103030	7708005	FIXED HEX SHAFT
PR105040	7708006	EXIT UP DOWN CAM
PR106070	7708007	EXIT IN OUT CAM
PR108060	7708008	LEFT JUSTIFY CAM
PR110020	7708009	RIGHT HEX SHAFT
PR123020	7708010	GEAR CAM SHAFT
PR125000	7708011	CAM SPACER
PR127040	7708012	CROWNED FLAT BELT PULLEY
PR133000	7708013	RACK CROSS ROD
PR141030	7708014	CENTER DECK LEFT BRACKET
PR148010	7708015	REAR RIGHT JUSTIFY BRACKET
PR149030	7708016	REAR JUSITFIER CAM
PR150010	7708017	REAR LEFT JUSTIFY BRACKET

PR152020	7708018	LEFT REAR MOUNT BRACKET
PR158000	7708019	ACME NUT BLOCK
PR159010	7708020	GUIDE POST
PR160040	7708021	FLAT BELT IDLER PULLEY
PR179000	7708022	SHAFT BRACKET
PR180010	7708023	GEAR SPACER A
PR181000	7708024	GEAR SPACER B
PR186030	7708025	DECK BAR
PR189010	7708026	SHORT SPACER
PR191000	7708027	BEARING BLOCK
PR194000	7708028	GEAR SPACER E
PR195000	7708029	GEAR SPACER F
PR198000	7708030	LEFT REAR CAM SPACER
PR205020	7708031	DRIVE IDLER SHAFT
PR206L70	7708032	LEFT REAR JOG BLOCK
PR206R70	7708033	RIGHT REAR JOG BLOCK
PR209030	7708034	CENTER REAR DECK
PR218020	7708035	TOWER RH
PR222010	7708036	ENCODER MOUNT BRACKET
PR224010	7708037	KICKER LOCATOR BRACKET
PR225020	7708038	TOWER LH
PR226040	7708039	LEFT SIDE FRAME
PR227070	7708040	RIGHT SIDE FRAME
PR228010	7708041	FEEDER MOUNT DECK
PR229020	7708042	FIXED CROSS ROD
PR230020	7708043	LEFT JUSTIFY BRACKET
PR231020	7708044	ADJUSTMENT TRANSFER BRACKET
PR233060	7708045	RIGHT JUSTIFY BRACKET
PR235020	7708046	EXIT PIVOT BRACKET
PR236010	7708047	EXIT MOUNT BRACKET
PR237060	7708048	LEFT JUSTIFY BRACKET
PR238000	7708049	PIVOT SHAFT
PR239040	7708050	LAST NIP PIVOT BRACKET
PR240020	7708051	LAST NIP SHAFT
PR241010	7708052	IDLER
PR242000	7708053	TIMING PULLEY CLR ANOD ALUM 20XL037, 3/8B
PR244010	7708054	PINION GEAR
PR245000	7708055	RACK GEAR SHAFT
PR246010	7708056	RACK
PR247010	7708057	RIGHT ANGLE BRACKET
PR248020	7708058	PIVOT SHAFT
PR250030	7708059	ADJUSTED HEX SHAFT
PR254000	7708060	12 PITCH 15T BEVEL GEAR - TAPPED HEX
PR255000	7708061	12 PITCH 15T BEVEL GEAR - HEX
PR256010	7708062	12 PITCH 15T BEVEL GEAR - TAPPED ROUND
PR258000	7708063	TIMING PULLEY CLR ANOD ALUM 16XL037, 3/8B
PR262030	7708064	SHAFT BRACKET
PR263000	7708065	DRIVE IDLER SHAFT
PR265030	7708066	ROLLER SHAFT SHORT
PR266000	7708067	REAR RACK CROSS ROD
PR268040	7708068	SUPPORT BRACKET
PR270020	7708069	INFEED BRACKET

PR271030	7708070	CENTER BLOCK
PR272010	7708071	STRUT
PR273020	7708072	RIGHT SUPPORT STRUT
PR274040	7708073	INVERTER NIP CAM
PR277010	7708074	ASS KICKER SHAFT
PR278020	7708075	LEFT TOP RAIL
PR279030	7708076	PIVOT BLOCK
PR280L50	7708077	ASS KICKER LEFT
PR280R50	7708078	ASS KICKER RIGHT
PR282010	7708079	ASS KICKER CAM
PR283000	7708080	LEFT SUPPORT STRUT
PR284000	7708081	RIGHT SUPPORT STRUT
PR286010	7708082	ASS KICKER LIFT ARM
PR291030		RIGHT TOP RAIL
PR299000	7708084	DUST COVER
PR300000	7708085	DUST COVER
PRS01L00	7708086	CENTER DECK SUPPORT BRACKET LEFT W/STUDS
PRS01R00	7708087	CENTER DECK SUPPORT BRACKET RIGHT W/STUDS
PRW05010	7708088	HINGED JOGGER WELDMENT
QFGUIS00	7708089	Graphic User Interface Program
QFPANS00	7708090	Panel Software Program
QFS01000	7707580	LF-PR CAHIN
RD002000	7708091	Roll Door Shaft
RD003000	7708092	Left Roll Door Bearing
RD004000	7708093	Right Roll Door Bearing
RD006000	7708094	Roll Side Guide
RD007000	7708095	Roll Front Guide
RD008002	7708096	Stacker Roll Door Frame
RD009000	7708097	Snail Pulley
RD011000	7708098	Roll Clutch Gear
RD017000	7707558	Motor Gear
RD018000	7707559	Door Slat
RD019000	7708099	Bottom Door Slat
RD020000	7708100	Roll Door Sweep
RD021000	7708101	Switch Actuator
RD022000	7708102	Top Door Slat
RD023000	7708103	Tie Rod
RD024000	7708104	Weight
RD025000	7708105	Roll Motor Bracket
RD030000	7707581	GEAR
RDA05002	7708106	Feeder Roll Door Frame
RDS01000	7707582	MOTOR ASSEMBLY
RDS02000	7707583	DOOR BOTTOM
SK026001	7708107	Manual Stacking Fixture
SK030000	7707560	Membrane Keyboard
SK031000	7708108	UI Driver Board
SK050000	7708109	SPACER PLATE
SK051000	7708110	NUT PLATE
SKA01000	7707584	E-box Cover
SKA02001	7708111	Side Panel
SKA03000	7708112	Door
SKA11000	7708113	Feeder Roll Cover

SKA12000	7708114	Stacker Roll Cover
SKA14000	7707585	Back Panel
SKA44000	7708115	UI Box
SKA45001	7708116	Front Lid
SKA46001	7708117	Long Lid
SKA47001	7708118	UI Back Plane

PARTS CROSS REFERENCE BY GBC PART NUMBER

AST PN	GBC PN	ItemName
4VVXTBOM	1722899	BRUSHLESS GEARMOTOR WITH DRIVER BOARD
2INA5032	7707420	Adhesive Back Commercial-Grade Neoprene Strip 1/32" Thk, 2" WD, 36" Lg, Black
31MBC121	7707421	MACHINERY BUSHING LOW-CARBON MILD STEEL 1/2ID X 7/8OD X 0.075THK
31NYF059	7707422	NYLON FLAT WASHER, REGULAR NATURAL COLOR #4, 0.120ID X 0.218OD X 0.031THK
31NYF070	7707423	NYLON FLAT WASHER, REGULAR NATURAL COLOR #5, 0.130ID X 0.285OD X 0.062THK
31NYF140	7707424	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/4, 0.252ID X 0.472OD X 0.060THK
31NYF170	7707425	NYLON FLAT WASHER, REGULAR NATURAL COLOR 3/8, 0.390ID X 0.75OD X 0.062THK
31NYF187	7707426	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/2, 0.505 X 0.750 X 0.062 THK
31NYN170	7707428	NYLON FLAT WASHER, NARROW RIM NATURAL COLOR 1/2ID X 11/16OD X 1/32THK
31NYN210	7707429	NYLON FLAT WASHER, NARROW RIM NATURAL COLOR 5/8ID X 13/16OD X 1/32THK
31NYN280	7707430	Nylon 6/6 Small-OD Flat Washer 1" ID, 1-1/4" OD, .063" Thick
31RCW050	7707431	CUSHIONING WASHER PURE-RUBBER 1/2, 0.490ID X 1.062OD X 0.093THK
31SHS745	7707432	18-8 S.S. Shoulder Screw Shim - Shortening .030" Thick, 3/8" Shoulder Dia, .376" ID, .563" OD
3710Z250	7707433	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/4 SHAFT
3710Z375	7707434	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 3/8 SHAFT
3710Z500	7707435	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/2 SHAFT
3741Z750	7707436	External Retaining Ring, 3/4" shaft, inside lugs
3ADCS550	7707437	1/8 X 1/2 hardened steel dowel pin
3ACCS575	7707438	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 3/4
3ACCS5A0	7707439	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1
3ACCS5A3	7707440	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1-1/4
3ACCS675	7707441	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 5/32 X 3/4
3ADCSB75	7707442	DOWEL PIN ALLOY STEEL, HARDENED AND GROUND 3/8 X 3/4
3ARCS5B0	7707443	Plain Steel Spring Pin 1/8" Dia, 2" Length
3FMA2675	7707444	COMPRESSION SPRING, MUSIC WIRE, 0.360 OD X 0.026 WIRE DIA X 3/4L
3FMA32B0	7707445	COMPRESSION SPRING, MUSIC WIRE, 0.36 OD X 0.032 W X 2.0 L
3FMD4250	7707446	COMP spring 0.042 X 0.455 X 0.500 MUSIC
3GM822B5	7707447	EXT spring 0.022 X 0.240 X 2.50 MUSIC
3GM915B5	7707448	EXTENSION SPRING, MUSIC WIRE, STEEL, 1/4OD X 0.015W X 2.5L
3GM918A0	7707449	EXTENSION SPRING, MUSIC WIRE, STEEL, 0.250OD X 0.022W X 1.000L
3GME25A9	7707450	EXTENSION SPRING, MUSIC WIRE, STEEL, 11/32OD X 0.025W X 1-7/8L
3GME34A5	7707451	EXT spring 0.034 X 0.360 X 1.50 MUSIC
3GME34A8	7707452	EXT spring 0.034 X 0.360 X 1.75 MUSIC
3GME41A0	7707453	EXT spring 0.041 X 0.36 X 1.00 MUSIC
3GMF39A5	7707454	EXT SPRING .375OD X .039 WIRE X 1.50LG

3GMF41A8	7707455	EXTENSION SPRING, MUSIC WIRE, 0.375OD X 0.041W X 1.75L
3GS514A0	7707456	EXT spring 0.014 X 0.188 X 1.00 MUSIC
3RBUN001	7707457	Buna-N O-Ring As568A Dash No. 215
3ZGSS079	7707458	BALL SOCKET END FITTING PLASTIC FOR 10MM BALL, M6 FEMALE THREAD
4JCHY001	7707459	Line Interupt Interlock Switch
60TNI4VC	7707460	FLANGED PLAIN BEARING, NYLON, 1/4" ID, .2965 OD, 1/4" L
60TNI672	7707461	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
FMT14000	7707462	Interlock Service Key
31WSSK69	7707463	WAVE DISK SPRING 1.261ID X 1.621 OD X 0.0185THK 18LB @ 0.0185DEF
3731Z375	7707464	Retaining Ring Series 3100.352G .029W .36W
3731Z500	7707465	Retaining ring series 3100 .468G .039W .048E
3731Z875	7707466	Retaining Ring Series 3100.821G .046W
3771Z500	7707467	SELF-LOCKING EXTERNAL RETAINING RING SPRING STEEL, 1/2 SHAFT
37ESRA25	7707468	Spring Steel External Spiral Retaining Ring For 1-1/4" Shaft Dia, Fits 1.176" Groove Dia
39WCS404	7707469	WOODRUFF KEY PLAIN STEEL USA #404
3ADCS5A0	7707471	DOWEL PIN ALLOY STEEL, HARDENED AND GROUND 1/8 X 1
3GMP69D5	7707473	EXTENSION SPRING MUSIC WIRE 5/8OD X 0.069W X 4.5L
3GY929A0	7707474	Steel Extension Spring Zinc-Plated, 1" Lg, 1/4" OD, .029" Wire
4JMBT012	7707477	Miniature Switch, Simulated Roller
4JMBT015	7707478	MINIATURE BATT SWITCH HIGH FORCE 1.40 STRAIGHT BATT
4JMPG001	7707480	Miniature Switch, Pin Plunger
4JMPG002	7707481	Miniature Switch, Pin Plunger, Light Force
4MEBEN01	7707482	Rotary Optical Encoder
60TH724T	7707483	Snap-In Nylon Bearing For 1/8" Shaft Diameter, 1/4" O'all Diameter
60TH7472	7707484	SNAP-IN SLEEVE BEARING, NYLON, 1/4 ID X 7/16 OD
60TH7892	7707485	SNAP IN SLEEVE BEARING, NYLON, 1/2ID X 9/16OD X 0.140T
60TH7CDT	7707486	SNAP IN NYLINER BEARING NYLON 0.75 ID X 0.812 X 0.140L
60TS7CET	7707487	SNAP IN SLEEVE BEARING NYLON, TEP 642 3/4 ID X 7/8 OD X 0.140 T
6BTX409R	7707488	TIMING BELT RUBBER 90XL037
6BTX424R	7707489	TIMING BELT RUBBER 240XL037
6BTX436R	7707490	TIMING BELT RUBBER 360XL037
6BTX440R	7707491	400XL037 Neoprene Timing Belt
6BVA5355	7707492	A-Section Endless Rubber V-Belt Trade Size A53, 55" Outer Circle
6CMST035	7707493	Spring Clip Type #35 Connecting Link
LFS01000	7707494	GRASPER ROLLER AND CLUTCH
2LCGCK11	7707495	Mini Grip Conveyor Roller Soft Urethane 30-A Durometer, 1/2" Shaft, 1" OD
2LCGCK16	7707497	Mini Grip Conveyor Roller Soft Urethane 30-A Durometer, 3/4" Shaft, 1-1/2" OD
31TBWK65	7707499	1.250 ID X 1.94 OD X 1/8 THICK THRUST BEARING WASHER
61RI0815	7707511	RADIAL BALL BEARING SEALED 1/2ID X 1-1/8OD X 5/16W
61RI0361	7707512	RADIAL BALL BEARING SHIELDED, EXTENDED INNER RACE 0.1875ID X 0.5OD X 0.2272L
BEA01100	7707563	BELT FINGER SUB ASSY, POSITION 1
BEA01200	7707564	BELT FINGER SUB ASSY, POSITION 2
BEA01300	7707565	BELT FINGER SUB ASSY, POSITION 3 & 4
BEA01500	7707566	BELT FINGER SUB ASSY, POSITION 5
ISI102010	7707567	IS ROLLER CHAIN 42.375 LONG

ISS01000	7707568	NIP ROLLER
ISS02000	7707569	CAM CLAMP
ISS060S0	7707570	CHAIN OVERLOAD CLUTCH STRONG
ISS060W0	7707571	CHAIN OVERLOAD CLUTCH WEAK
ISS14000	7707572	INVERTER CLAMP
ISW01010	7707573	INVERTER DRUM
LFS03000	7707574	LIFT DETECT SENSOR
LFS04000	7707575	LF DRUM
LFS06000	7707576	ANTI-BACKUP ROLLER SET
QFS01000	7707580	LF-PR CAHIN
RD030000	7707581	GEAR
RDS01000	7707582	MOTOR ASSEMBLY
RDS02000	7707583	DOOR BOTTOM
FMW31000	7707785	Slug Bin Switch Cable
IS089020	7707826	HUB
IS130020	7707851	DETECT PIVOT ARM
IS145000	7707866	CLUTCH SPROCKET 20T #35 ROLLER CHAIN
LF227030	7707933	SUPPORT BRACKET
PNO54000	7707986	Slug Bin Tray
PN058010	7707987	Sprocket
AP253000	0147080006	BRAIDED GROUND CABLE ASSEMBLY
32SHS8A5	0147080007	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 1-1/2
536EM410	0482004200	MALE ELBOW BARB FITTING BRASS 1/8IDT X #10-32
3VGBC075	1155022	GBC WARRANTY CARD
31DRB004	1730394	DRILL BUSHING, HEADLESS, PRESS FIT, 0.2031ID X 3/8 OD X 1/4L
32bhse50	1730400	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 1/2
32SHS863	1730414	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 5/8
32SHSC44	1730417	SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 7/16
32SHSE75	1730422	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 3/4
32SHSIB0	1730438	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 2
34cpac13	1730450	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #6-32 X 1/8
34SPBF19	1730455	BRASS TIPPED SOCKET SET SCREW ALLOY STEEL,BLACK FINISH #10-32 X 3/16 LGTH
3CRSA8A8	1730467	ROUND SPACER ALUMINUM 1/2OD X #10ID X 1/2L
3CRSA8C6	1730468	ROUND SPACER ALUMINUM 1/2OD X 1/4ID X 3/8L
3CRSC6AA	1730471	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10 ID X 5/8L
3CRSC8AA	1730472	ROUND SPACER, STEEL, 0.500 OD X 0.192 ID X 0.625 LG
3DRSAABG	1730477	ROUND STANDOFF, ALUMINUM, 5/8OD X #10-32ID X 1L
3QRSR014	1730491	RECESSED BUMPER RUBBER 5/8OD X 5/32ID X 9/32H
60BS0688	1730531	OIL IMP BRG SIN BRONZE 3/8ID X 1/2OD X 1/2L PLAIN
CC008000	1730557	HEX BUSHING
30FAN160	1730640	FLAT WASHER AN 960 C, STAINLESS 0.265ID X 0.500OD X 0.073THK
30slw050	1730644	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/2"
32SHS8A0	1730658	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 1
6DTA4205	1771376	TIMING PULLEY CLR ANOD ALUM 20XL037, 5/16B
2ZADTUM8	1771397	UHMW POLYETHYLENE TAPE ACRYLIC ADHESIVE 0.008" X 1.000"
42TIS408	1771419	SCREW MOUNT CABLE TIE NYLON 3/16 X 8 FOR #10
42TIE414	1771420	CABLE TIE NATURAL NYLON 0.188 X 14
60BS08A6	1771427	OIL IMP BRG SIN BRONZE 1/2ID X 5/8OD X 3/8L PLAIN
3CRSN686	1771450	ROUND SPACER NYLON 3/8OD X #8ID X 3/8L

2XBPC001	1771511	POLYETHYLENE BAG COVER, 4 MIL, 60 X 56 X 104
34CPAF19	1900090	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #10-32 X 3/16
34CPAF38	1900091	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #10-32 X 3/8
34CPAI25	1900093	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 1/4
32SHCF75	1900563	SOCKET HEAD CAP SCREW, #10-32 X .75, ALLOY STEEL
32SHSE19	1922108	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 3/16
32SHSE50	1922111	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 1/2
3CRSA5A2	1924817	ROUND SPACER ALUMINUM 5/16OD X #10ID X 1/4L
3CRSA6A8	1924819	ROUND SPACER ALUMINUM 3/8 OD X #10 X 1/2 L
3CRSA6AC	1924820	ROUND SPACER ALUMINUM 3/8OD X #10ID X 3/4L
30FMS130	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
30FMS110	1925062	FLAT WASHER MS 15795 MIL, STAINLESS #4, 0.125ID X 0.312OD X 0.040THK
30FMS116	1925063	FLAT WASHER MS 15795 MIL, STAINLESS #6, 0.156ID X 0.375OD X 0.065THK
30FMS125	1925064	FLAT WASHER MS 15795 MIL, STAINLESS #8, 0.188ID X 0.375OD X0.065THK
30FMS185	1925066	FLAT WASHER MS 15795 MIL, STAINLESS 5/16, 0.344ID X 0.688OD X 0.080THK
30FMS109	1925067	FLAT WASHER MS15795 MIL, STAINLESS 0.125ID X 0.250OD X 0.028THK
30FMS155	1925069	FLAT WASHER MS 15795 MIL, STAINLESS 1/4, 0.281ID X 0.6250D X 0.080THK
30FFH010	1925080	FINISHED FLAT WASHER STEEL, CASE-HARDENED, THICK #10, 13/64ID X 1/2OD X 3/32 THK
30FFH025	1925081	FINISHED FLAT WASHER STEEL, CASE-HARDENED, THICK 1/4, 9/32ID X 5/8OD X 1/8THK
30FDS102	1925603	FENDER WASHER 18-8 STAINLESS #8, 11//64ID X 3/4OD X 0.040THK
30FDS103	1925604	FENDER WASHER 18-8 STAINLESS #10, 13/64ID X 11/16OD X 0.050THK
30FDS114	1925605	FENDER WASHER 18-8 STAINLESS 3/8, 13/32ID X 1-1/4OD X 0.062THK
30SLW004	1926060	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #4
30SLW006	1926061	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #6
30SLW008	1926062	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #8
30SLW010	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
30SLW025	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
30SLW031	1926065	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 5/16"
30slw038	1926066	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 3/8"
42THD002	1931048	PUSH CABLE TIE HOLDER WHITE NYLON FOR 0.25 HOLE
42TIE004	1932124	CABLE TIE NATURAL NYLON 0.1 X 4
32HHSK75	1951991	HEX HEAD SCREW GRADE 5 5/16-18 X 3/4
32shs831	1980021	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 5/16
32SHS856	1980022	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 9/16
32SHSC25	1980027	SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 1/4
32SHSE38	1980047	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 3/8
32SHSE63	1980051	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 5/8

32SHSF31	1980069	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 5/16
32SHSF38	1980070	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
32SHSF50	1980072	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2
32SHSF75	1980075	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/4
32SHSF88	1980076	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 7/8
32SHSFA0	1980077	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1
32SHSFA3	1980079	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1-1/4
32SHSFA5	1980080	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1-1/2
32SHSFA8	1980081	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1 3/4
32SHSFB0	1980082	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 2
32SHSI38	1980093	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 3/8
32SHSI50	1980094	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1/2
32SHSI63	1980095	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 5/8
32SHSI88	1980097	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 7/8
32SHSIA0	1980098	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1
32SHSIA5	1980101	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1-1/2
32BHSF38	1980279	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
32BHSF50	1980281	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2
32BHSI50	1980303	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1/2
32FHSC38	1980432	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 3/8
32FHSE38	1980456	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 3/8
32FHSF50	1980461	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2
32FHSF38	1980479	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
32FHSF63	1980483	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 5/8
32FHSFA0	1980486	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1
32FHSFA3	1980488	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1 1/4
32FHSI50	1980503	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1/2
32THMF50	1980630	TRUSS HEAD PHILLIPS MACHINE SCREW 18-8 STAINLESS #10-32 X 1/2
33HXS832	1980701	HEX NUT 18-8 STAINLESS #8-32
33HXSA32	1980702	HEX NUT 18-8 STAINLESS #10-32
33HXSB20	1980703	HEX NUT 18-8 STAINLESS 1/4-20
33hjsd16	1980801	HEX JAM NUT 18-8 STAINLESS 3/8-16
33NLS832	1980851	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS #8-32
33NLSA32	1980852	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS #10-32
33NLSB20	1980853	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS 1/4-20
3VGBC013	6009078	CSA APPROVAL LABEL NRTL/C W/SERIAL #
3VGBC006	6009106	FCC LABEL 1 PRESSURE SENSITIVE VINYL 1/2 X 2-1/4
3VGBC058	6009178	CE LABEL PRESSURE SENSITIVE ADHESIVE
32PPEF38	7707501	PANHEAD PHILLIPS W/EXTERNAL LOCK WASHER ZINC PLATED STEEL 10-32 X 3/8
34NLPF38	7707502	NYLON PATCH ALLOY STEEL, BLACK FINISH SET SCREW #10-32 X 3/8
3GME45A1	7707503	EXT spring 0.045 X 0.36 X 1.12MUSIC
3OSCR1DS	7707504	Stainless Steel Door hinge leaf, removable style
3OSCR1FS	7707505	Stainless Steel Frame hinge leaf, removable style
3PMNT004	7707506	LEVELING MOUNT, ZINC PLATED STEEL, ELASTOMER RUBBER, 1/2-13 X 3", 1.97" BASE DIAMETER
4JMBT017	7707507	Miniature Switch, Roller Lever
4JMBT019	7707508	Minature Switch, Straight Lever
4UGP0017	7707509	Subfractional DC Gearmotor 24 VDC, 25 RPM
61RI06R9	7707510	Radial ball bearing, 3/8 ID

3FMI59A8	7707513	COMPRESSION SPRING MUSIC WIRE, PLATED 0.72OD X 0.059WD X 1.5L
3NSNR001	7707514	Snap-In Flush Mnt ABS Plastic Recessed Handle 3-45/64" W X 1-15/32" H O'all, .055"-.070" Panel Thk
3QSTAK16	7707515	Solid Stem Rubber Plug Bumper Flat, 9/16" Head Dia, 1/8" Proj, 1/4" Stem Dia
3QSTS121	7707516	Solid Stem Rubber Plug Bumper Flat, 17/32" Head
3ZGSS164	7707517	Gas Spring With Threaded Ends 5.47" Stroke Length, 40LBS
3ZGSS165	7707518	Gas Spring With Threaded Ends 5.47" Stroke Length, 50# force
40P08F3B	7707519	POWER CORD, NEMA 6-15P X IEC-320-C13, 14/3 SJT, 8' , BLACK
4FBETA05	7707520	Circuit Breaker, Rocker Actuated, 2-pole
4LDR0013	7707521	Photoelectric sensor, Polarized Retroreflective, NPN, Dark,
4LPHE001	7707522	Photoelectric Sensor
4LRFS011	7707523	Corner Cube Reflector Disc, 26 mm Dia.
4PMWL001	7707524	24-Volt Power Supply
4PMWL002	7707525	5-Volt Power Supply
4TVDC001	7707526	Variable Speed DC Motor
4UGP0013	7707527	Compact DC Gearmotor 41 Max RPM, 19.1 VDC
4UGP0018	7707528	Subfractional DC Gearmotor 24 VDC, 47 RPM
4UGP0019	7707529	Subfractional DC Gearmotor 24 VDC, 4.7 RPM
4USCK212	7707530	DC Motor Controller, Regenerative
4VVXTB0D	7707531	Brushless DC Motor Driver (INCLUDED W/ MOTOR 4VVXTB0M)
4VVXTB1M	7707532	Brushless DC Gear Motor
4YCZWPC5	7707533	BL2100 W/ BOTTOM MOUNT CONNECTORS
4YDSP001	7707534	Graphic LCM Display 320 X 240
4ZPST104	7707535	Power Inlet/Filter
51CL386R	7707536	TUBING RED POLYURETHANE 1/4OD X 0.060W
5CBCF1AD	7707537	FLAT-1 AIR CYLINDER DOUBLE ACTING 9/16B X 1S
60BSF684	7707538	OIL IMP BRG SIN BRONZE 3/8ID X 1/2OD X 1/4L FLANGE BEARING
61RI0GS1	7707539	1" RADIAL BALL BEARING
61RI0KT1	7707540	1.25" RADIAL BALL BEARING
61RIFCWA	7707541	RADIAL BALL BEARING 0.750 X 1.625 X .438 WIDE
61TBG811	7707542	Steel Ball Thrust Bearing For 1/2" Shaft Dia, 1-7/32" OD, Shielded
63ADJ001	7707543	Adjustable-Height Radial-Load Track Roller 1" Roller Dia, 5/8" Roller Width
63SDUS01	7707544	Radial-Load Stud Track Roller Sealed, 1/2" Roller Dia, 3/8" Roller Width
63SDUS02	7707545	Radial-Load Stud Track Roller Sealed, 1" Roller Dia, 5/8" W, 7/16" Stud Dia
65LBB001	7707546	Fixed-Alignment Linear Ball Bearing Closed, Steel, 1/4" Inside Diameter
6BJ14030	7707547	Pitch Htd Endless Rubber Timing Belt 8mm Pitch, 1200mm Outer Circle, 30mm WD
6BTL450U	7707548	TIMING BELT 3/8 PITCH 50T URETHANE
6DTH4306	7707549	XL Timing Belt Pulley, 30T,w/molded Failoc Hub
6EIDL001	7707550	19T #35 ROLLER CHAIN IDLER SPROCKET
BE055L00	7707551	Plain Lift Screw
BE055R00	7707552	Clamp Lift Screw
FMMIO002	7707553	Main I/O board
IS100010	7707554	13T L BELT PULLEY
IS146010	7707555	12 PITCH 15T BEVEL GEAR
LF225020	7707556	1.0 WIDE X 50.36 LONG FLAT BELT
LF319030	7707557	DETECT FINGER B
RD017000	7707558	Motor Gear
RD018000	7707559	Door Slat
SK030000	7707560	Membrane Keyboard

SKA01000	7707584	E-box Cover
SKA14000	7707585	Back Panel
21s50500	7707586	URETHANE SHEET 50DURO SORBATHANE BLACK 0.500 THK
2W020WA1	7707587	SHEET OF COPY PAPER WHITE A4 (210MM X 297MM), 20# BOND
2XLBL003	7707588	Color Coding Dots, Light Blue, 1/4"
2zadtpf1	7707589	DOUBLE COATED FOAM TAPE POLYETHYLENE, RUBBER ADHESIVE 0.031" X 0.5"
2ZADTUM7	7707590	UHMW Polyethylene Tape 3/4" Width X 18 Yards Length, .0065" Total Thk
30fms199	7707591	FLAT WASHER MS 15795 MIL, STAINLESS 3/8, 0.406ID X 0.812OD X 0.080THK
30FMS202	7707592	FLAT WASHER MS 15795 MIL, STAINLESS 7/16, 0.468ID X 0.921OD X 0.080 THK
30SLW044	7707593	Zinc-Plated Steel Spring Lock Washer 7/16" Screw Sz, .450" ID, .776" OD, .109" Min Thk
31CDCK68	7707594	Grade 1074 Hi-Carbon Steel Curved Disc Spring 5/8" Hole, 3/8" Rod, .400" ID, .612" OD, .0130" Thk
31CDSK85	7707595	301 Stainless Steel Curved Disc Spring 13/16" Hole, 1/2" Rod, .531" ID, .795" OD, .0170" Thk
31CDSK94	7707596	CURVED DISK SPRING 301 SS 0.75ID X 1.125OD
32BHS825	7707597	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 1/4
32bhsc50	7707598	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 1/2
32BHSFA3	7707599	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1-1/4
32BHSFA8	7707600	18-8 SS Button Head Socket Cap Screw 10-32 Thread X 1-3/4" Length
32fhcf50	7707601	FLAT HEAD SOCKET CAP SCREW, ALLOY STEEL, BLACK FINISH, #10-32 X 1/2
32FHS875	7707602	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 3/4
32FHSC50	7707603	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 1/2
32fhse75	7707604	FLAT HEAD SOCKET CAP SCREW, 18-8 STAINLESS, #8-32 X 3/4
32FHSEA0	7707605	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 1
32FHSF75	7707606	18-8 SS Flat Head Socket Cap Screw 10-32 Thread, 3/4" Length
32FPMF25	7707607	FLAT HEAD PHILLIPS MACHINE SCREW, #10-32 X 1/4
32NHSC31	7707608	SOCKET HEAD CAP SCREW, NYLON, #6-32 X 5/16
32PPEC38	7707609	PANHEAD PHILLIPS W/EXTERNAL LOCK WASHER ZINC PLATED STEEL 6-32 X 3/8
32PPEI50	7707610	Pan Head Phil Machine Screw W/External Washer Zinc-Plated Steel, 1/4"-20 Thread, 1/2" Length
32SFSIC5	7707611	18-8 Stainless Steel Fully Threaded Stud 1/4"-20 Thread, 3-1/2" Length
32SHCFA0	7707612	SOCKET CAP SCREW, ALLOY STEEL, BLACK FINISH, #10-32 X 1.00
32SHCI50	7707613	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 1/2
32SHCIA5	7707614	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH #1/4-20 X 1-1/4
32SHCIC3	7707615	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 3-1/4
32SHCKA0	7707616	Alloy Steel Socket Head Cap Screw 5/16"-18 Thread, 1" Length
32SHCKA3	7707617	Alloy Steel Socket Head Cap Screw 5/16"-18 Thread, 1-1/4" Length
32SHS875	7707618	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 3/4
32SHSEA0	7707619	SOCKET CAP SCREW 18-8 STAINLESS #8-32 X 1
32SHSIB3	7707620	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 2-1/4
33CLN001	7707621	1/2" Conduit Locknut, Zinc Plated Steel
33HJCE20	7707622	Grade 5 Zinc-Plated Steel Hex Thin (Jam) Nut 7/16"-20 Screw Size, 11/16" WD, 1/4" HT
33HXS440	7707623	HEX NUT 18-8 STAINLESS #4-40
33NLS440	7707624	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS #4-40

34CPAE25	7707625	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #8-32 X 1/4
34CPAI38	7707626	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 3/8
34CPAI75	7707627	Alloy Steel Cup Point Socket Set Screw 1/4"-20 Thread, 3/4" Length
34SPBF25	7707628	BRASS TIPPED SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #10-32 X 1/4, 3/64TIP LGTH
36DAA020	7707629	DOME HEAD OPEN-END BLIND RIVET ALUMINUM BODY, STEEL MANDREL 1/8DIA X 0.126-0.187GRP
36DSS050	7707630	Plain Steel Std Blind Rivet W/Steel Mandrel Dome, 3/16" Dia, .126"-.250" Matl Thk
36HEL002	7707631	18-8 SS Screw-Lock Helical Insert 10-32 Internal Thread, .285" Length
3731ZA25	7707632	Retaining Ring Series 3100 1.176G .056W
38C1A375	7707633	ONE-PIECE CLAMP STYLE COLLAR ALUMINUM 3/8ID X 7/8OD X 3/8W
38C2C500	7707634	TWO-PIECE CLAMP STYLE COLLAR STEEL, BLACK FINISH 1/2ID X 1-1/8OD X 13/32W
38CIA750	7707635	One-Piece Aluminum Clamp-On Collar 3/4" Bore, 1-1/2" Outside Diameter, 1/2" Width
38SSA375	7707636	SHAFT COLLAR, SET SCREW STYLE, STEEL (ZINC PLATED) 0.375 ID
3ADCSI06	7707637	Metric 18-8 Hardened Steel Dowel Pin M2 Diameter, 6mm Length
3BPSK419	7707638	18-8 SS Precision Hex Socket Shoulder Screw 1/4" Shoulder Dia, 3/16" L Shoulder, 10-32 Thread
3CRSA443	7707639	ROUND SPACER ALUMINUM 1/4OD X #4ID X 3/16L
3CRSA464	7707640	ROUND SPACER, ALUMINUM, 1/4 OD X #6 ID X 1/4 LONG
3CRSA6A4	7707641	Aluminum Unthreaded Round Spacer 3/8" OD X #10 ID X 1/4" LONG
3CRSA6AE	7707642	ROUND ALUMINUM SPACER 3/8 OD X #10 ID X 7/8 LONG
3CRSA6AK	7707643	ROUND SPACER ALUMINUM 3/8OD X #10 ID X 1-1/4 LONG
3CRSA88C	7707644	Aluminum Unthreaded Round Spacer 1/2" OD X #8 ID X 3/4 LONG
3CRSC6A4	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4L
3CRSN44E	7707646	Nylon Unthreaded Round Spacer 1/4" OD, 7/8" Length, #4 Screw Size
3CRSN488	7707647	Nylon Unthreaded Round Spacer 1/4" OD, 1/2" Length, #8 Screw Size
3DRSB44A	7707648	Znc-Pltd Brass Threaded Round Standoff-1/4" OD 5/8" Length, #4-40
3NMCT004	7707649	Magnetic Catch
3PCST104	7707650	SWIVEL CASTER
3QRSR046	7707651	Recessed Rubber Bumper W/Washr, 23/32" Base Dia, 13/32" Proj, 5/16" Top Open WD
3USTL219	7707652	Chrome Steel Ball 7/32" Diameter, Grade 25
3VGBC086	7707653	"GBC Quantum P70iX" Label
3VGBC087	7707654	"Don't Stand" Label
3VGBC088	7707655	"Moving Parts (Belt)" Label
3VGBC089	7707656	"Crush Hazard" Label
3VGBC090	7707657	"Moving Parts" Label
3VGBC092	7707658	"Can. Class A" Label
3VGBC093	7707659	Quantum Serial Number Label
3VGBC094	7707660	"On/Off" Label
3VGBC095	7707661	"Shock Triangle" Label
3VGBC097	7707662	"Ground Symbol" Label
3VGBC098	7707663	"Electrical Shock" Label
3VGBC099	7707664	"Risk of Explosion" Label
3VGBC100	7707665	"Earth Ground" Label
3VGBC101	7707666	"TUV GS" Label

3VGBC103	7707667	Quantum P70iX User Guide
42BUS224	7707668	Liquidtight Strain Relief Cord Connector, 1/2" Conduit, Cable Range 0.250 - 0.375 Inches
42BUS244	7707669	Strain Relief Bushing
42GMMK14	7707670	GROMMET, RUBBER, 5/8"OD X 1/4"H X 7/16" GROOVE DIAMETER
42GMTK21	7707671	Military Specification Rubber Grommet MS 35489 No. 35, AN 931 No. A4-7
42GMTK32	7707672	Standard SBR Rubber Grommet 3/8" Hole Dia, 1/16" Groove WD, 1/2" Groove Dia
42GMTK37	7707673	Rubber Grommet MS 35489 No. 91, AN 931 No. C3-5, H 3/16, GW 1/4, T 3/8, OD 7/16, GD 5/16
42GMTK61	7707674	Military Specification Rubber Grommet MS 35489 No. 23, AN 931 No. 16-22
42GMTK75	7707675	Rubber Grommet MS 35489 No. 56, AN 931 No. A24-28, H 1.5, GW 1/8, T 1/2, DP 2-1/8, DG 1.75
45AMP027	7707676	MTA-100 Connector, 24 AWG, White, for Vexta Cables
45MLX111	7707677	MALE QUICK CONNECT, INSULATED INSULATED 22-18 AWG, 0.187 X 0.020
4MHCLR01	7707678	HALL EFFECT ROTARY POSITION SENSOR
4VVXTB0C	7707679	Extension Cable for Brushless DC Motor
536CM410	7707680	MALE BARB CONNECTOR 1/8IDT X #10-32
60BS08AE	7707681	SAE 841 Unmounted Plain Bronze Sleeve Bearing For 1/2" Shaft Dia, 5/8" OD, 7/8" Lg
62TRBK38	7707682	CAGE ASSY FOR THRUST ROLLER BEARING 1.250 ID X 1.94 OD X 5/64 THICK
6BTL8515	7707683	Timing Belt, Polyurethane, low friction teeth
6CR3500S	7707684	Roller Chain, #35, Steel
6DHTD001	7707685	Htd Series Timing Belt Pulley For 8mm Pitch, 30mm WD Belt, 90 Teeth
6DHTD002	7707686	Htd Series Timing Belt Pulley For 8mm Pitch, 30mm WD Belt, 3.15" OD, 28 Teeth
6DTA4306	7707687	TIMING PULLEY, CLR ANOD ALUM, 30XL037, 3/8 B
6DTA4325	7707688	TIMING PULLEY CLR ANOD ALUM 32XL037, 5/16B
6DTA4326	7707689	TIMING PULLEY CLR ANOD ALUM 32XL037, 3/8B
6DVBBK34	7707690	Cast Iron Finished-Bore V-Belt Pulley 3.55" OD, 5/8" Bore
6DVBK140	7707691	Cast Iron Finished-Bore V-Belt Pulley 13.75" OD, 1" Bore
6FQDBSHA	7707692	Quick-Disconnect Bushing Style H 1.00 Bore
6FQDBSKB	7707693	Quick-Disconnect Bushing Style Sk 1.25 Bore
6FSRCR01	7707694	Light Duty Reducer Bushing 1/2" OD, 3/8" ID, 1-1/8" Length
6JR00001	7707695	Steel Needle-Roller Clutch Bearing Acetal Cage, 3/8" Shaft Dia, 5/8" OD, 7/8" WD
6JR40708	7707696	Steel Needle-Roller Clutch Bearing Acetal Cage, 1/4" Shaft Dia, 7/16" OD, 1/2" WD
BE001001	7707697	Roller
BE002000	7707698	Finger Side Plate
BE003000	7707699	Finger Frame
BE003100	7707700	Simple Finger Frame
BE004000	7707701	Narrow Shim
BE006000	7707702	Switch Trigger
BE007001	7707703	Wide Shim
BE009001	7707704	Trolley
BE012000	7707705	Timing Shaft
BE013000	7707706	Conveyor Frame
BE015001	7707707	Feeder Platform
BE024000	7707708	Conveyor Clamp

BE025000	7707709	Conveyor Front Cover
BE043002	7707710	Bearing Bracket
BE044000	7707711	Nose (inner)
BE044100	7707712	Nose (outer)
BE047000	7707713	Linear Guide Shaft-No Chamfer on Ends
BE049000	7707714	Interlock Bracket
BE054000	7707715	Encoder Stay
BE056L01	7707716	Left Nut Stay
BE056R01	7707717	Right Nut Stay
BE057000	7707718	Limit Switch Bracket
BE058000	7707719	Idler Ring
BE061000	7707720	Guide Strip
BE070000	7707721	Drive Pulley
BE071001	7707722	Roll Door Up Switch Brkt
BE072000	7707723	Stacker Platform
BE073000	7707724	Conveyor Front Cover
BE074000	7707725	Paper Out Bracket
BE075001	7707726	Feeder Platform One
BE076000	7707727	Thrust Cup
BE078000	7707728	Inverter Anchor
BE079001	7707729	Finger Guard
BE080000	7707730	Feeder Platform 2+3
BE081000	7707731	Right Tie Bracket
BE082000	7707732	Left Tie Bracket
BEA22000	7707733	Horizontal Cross Member
BEA45002	7707734	Right Side Plate
BEA46001	7707735	Left Side Plate
BEA52000	7707736	Drive Base
FM012000	7707737	PN Clamp
FM025000	7707738	Gutter
FM036010	7707739	PN Brace
FM037000	7707740	PR Spacer
FM044002	7707741	Interlock Cover
FM046000	7707742	Strain Relief Bracket
FM047000	7707743	CASTER SPACER
FMA13002	7707744	Electrical Panel
FMA18000	7707745	Back Strut
FMA23000	7707746	Left Back Hinge Bracket
FMA24000	7707747	Right Back Hinge Bracket
FMA34000	7707748	Front Strut
FMA38001	7707749	Left Extension Assembly
FMA39001	7707750	Stacker Port
FMA40010	7707751	Frame Weldment
FMA43000	7707752	Stacker Back Stop
FMW01000	7707753	Main Motor Cable
FMW02000	7707754	Main Home Sw Cable
FMW03000	7707755	Main Encoder Cable
FMW04000	7707756	Lifter Assembly Cable
FMW04100	7707757	Stacker Assembly Cable
FMW04200	7707758	Belt Conveyor Switch Harness
FMW05000	7707759	Lifter Encoder Cable
FMW05100	7707760	Stacker Encoder Cable

FMW06000	7707761	Lift Pot + Entr Sensor Cable
FMW07000	7707762	Lifter Signal Cable
FMW07100	7707763	Stacker Signal Cable
FMW08000	7707764	TBJ3 Cable Assy
FMW09000	7707765	TBP4 Cable Assy
FMW10000	7707766	TBP3 Signal Cable
FMW11000	7707767	TBJ4 Signal Cable
FMW12000	7707768	Dieset Assy Cable
FMW13000	7707769	Dieset Signal Cable
FMW14000	7707770	Covers Interlock Cable
FMW16000	7707771	Stack Paper Switch Cable
fmw17010	7707772	Exit Sensor Cable
FMW18000	7707773	5VPSU-AC Cable
FMW19000	7707774	5VPSU-DC Cable
FMW20000	7707775	24VPSU-AC Cable
FMW21000	7707776	24PSU-DC Cable
FMW23000	7707777	Main AC Power Switch Cable
FMW24000	7707778	RIBBON CABLE
FMW25000	7707779	AC Power Inlet Cable
FMW26000	7707780	Main Controller AC Power Cable
FMW27000	7707781	Main Controller Signal Cable
FMW28000	7707782	Display Cable
FMW29000	7707783	Vexta Motor Controller Cable
FMW30000	7707784	Display Panel Ground Strap
IS004040	7707786	SHAFT
IS007040	7707787	GENEVA DRIVER ARM
IS009030	7707788	DRIVE GEAR
IS010040	7707789	DRIVEN PARTIAL GEAR
IS015030	7707790	SHAFT
IS018010	7707791	DRIVEN GEAR
IS020040	7707792	HOLLOW SHAFT
IS021070	7707793	FLIPPER SPIDER
IS0230A0	7707794	INNER CAM
IS024040	7707795	GENEVA STOP
IS032000	7707796	THREADED ROD
IS034040	7707797	STANDOFF
IS040030	7707798	DRIVEN ROLLER BUSHING
IS041020	7707799	SHAFT CLAMP
IS044040	7707800	DRIVEN GEAR
IS0470A0	7707801	CLAMP BRACKET
IS048030	7707802	YOKE
IS049040	7707803	LINK
IS050020	7707804	SHAFT
IS051040	7707805	LINK
IS052050	7707806	FLIPPER SPIDER
IS061030	7707807	SPACER SHAFT
IS062040	7707808	STANDOFF
IS064020	7707809	SHAFT
IS066020	7707810	GENEVA STAR WHEEL
IS067020	7707811	COUPLING HUB
IS068040	7707812	LATCH ARM
IS069080	7707813	EXTERNAL CAM

IS071030	7707814	LATCH SHAFT
IS072040	7707815	LARGE HUB
IS074020	7707816	LOWER INPUT PULLEY
IS075020	7707817	DRIVEN INPUT SHAFT
IS076L80	7707818	LOWER INFEED PLATE LH
IS076R80	7707819	LOWER INFEED PLATE RH
IS078020	7707820	DRUM SLEEVE
IS080000	7707821	STANDOFF SHAFT
IS081090	7707822	UPPER SIDE PLATE
IS086040	7707823	DRUM HUB
IS087030	7707824	BELT DRIVE SHAFT
IS088020	7707825	BRACKET
IS090010	7707827	DRIVEN BEVEL GEAR SHAFT
IS091010	7707828	HUB
IS092010	7707829	DRIVEN GEAR
IS093020	7707830	WEIRD PART
IS094000	7707831	TRANSFER GEAR
IS095000	7707832	STUB SHAFT
IS096010	7707833	HUB
IS097060	7707834	NIP PIVOT BRACKET
IS098000	7707835	16T XL TIMING BELT PULLEY WITH CENTER GROOVE
IS099030	7707836	LOWER INFEED BRACKET
IS103080	7707837	FRONT PLATE
IS104000	7707838	SPRING ANCHOR ROD
IS105000	7707839	PULLEY FLANGE
IS106050	7707840	REAR PLATE
IS111060	7707841	CAM CLAMP
IS113050	7707842	EXTERNAL CAM
IS116040	7707843	DETECT SHAFT
IS121080	7707844	STACK DETECTOR CAM
IS122080	7707845	LIFT ARM
IS123060	7707846	STOP BRACKET
IS125040	7707847	DETECT FINGER
IS127020	7707848	SWITCH ACTUATOR
IS128030	7707849	PIVOT BLOCK
IS129020	7707850	DETECT SHAFT
IS131020	7707852	DETECT LIFT ROD
IS132010	7707853	COVER
IS133030	7707854	SENSOR BRACKET
IS134000	7707855	CHAIN IDLER SPACER
IS135000	7707856	20 L TIMING BELT PULLEY
IS136000	7707857	BELT TENSION TUBE
IS137000	7707858	TENSIONER SHAFT
IS138010	7707859	TENSION BLOCK
IS139000	7707860	DISK
IS140010	7707861	Long Hub
IS141060	7707862	INFEED BRACKET
IS142000	7707863	SHORT HUB
IS143000	7707864	MOUNT BLOCK
IS144020	7707865	DUST COVER
IS148000	7707867	13T L BELT PULLEY IDLER
IS149000	7707868	BEARING SHAFT

IS150010	7707869	DEFLECTOR
IS151010	7707870	MOUNT BOSS
IS153020	7707871	BEARING PLATE
IS154000	7707872	NIP PIVOT BRACKET REAR
IS155000	7707873	Geyser Tray
IS156010	7707874	Reflector Mount
ISS26000	7707875	GEAR AND HUB ASSEMBLY
LF103080	7707876	GRASPER IN OUT CAM
LF104080	7707877	GRASPER UP DOWN CAM
LF105060	7707878	INNER FRAME PLATE
LF1070B0	7707879	PICK IN OUT CAM
LF108010	7707880	FLAT BELT DRIVE PULLEY
LF109030	7707881	FLAT BELT PULLEY HUB
LF110010	7707882	FLAT BELT DRIVE SHAFT
LF111010	7707883	CENTER STANDOFF
LF1120A0	7707884	PICK UP DOWN CAM
LF113040	7707885	CAM SHAFT
LF115050	7707886	GUIDE ROD MOUNT BRACKET
LF126060	7707887	GRASPER
LF127010	7707888	GRASPER FOLLOWER BRACKET
LF129000	7707889	PICK IN OUT PIVOT SHAFT
LF132000	7707890	PICK IN OUT BRACKET
LF134000	7707891	GRASPER ARM
LF135010	7707892	GRASPER LINK
LF136050	7707893	INPUT PAPER STOP
LF137040	7707894	GRASPER CAM BRACKET
LF140030	7707895	CAM BRACKET PIVOT SHAFT
LF141010	7707896	GRASPER SHAFT BRACKET
LF142010	7707897	MID SIZE LINK ARM
LF147000	7707898	STANDOFF
LF162010	7707899	SPACER B
LF163010	7707900	SPACER C
LF164010	7707901	SPACER D
LF165020	7707902	SPACER E
LF166030	7707903	SPACER F
LF167010	7707904	SPACER A
LF170000	7707905	IDLER BRACKET
LF176020	7707906	CROSS BAR
LF179020	7707907	IDLER SHAFT
LF180020	7707908	IDLER PIVOT SHAFT
LF185020	7707909	SENSOR ARM
LF187020	7707910	STACK DETECT PIVOT SHAFT
LF190000	7707911	DRIVE GEAR
LF191000	7707912	INTERMEDIATE GEAR
LF192000	7707913	DRIVEN GEAR
LF193000	7707914	GEAR STUB SHAFT
LF194020	7707915	STACK SWITCH ACTUATOR BRACKET
LF196020	7707916	PICKER PIVOT BRACKET
LF199090	7707917	STACK DETECT MOUNT BRACKET
LF203060	7707918	RIGHT SIDE PLATE
LF204010	7707919	LINEAR SHAFT
LF207070	7707920	LEFT SIDE PLATE

LF209010	7707921	UPPER BEARING BRACKET
LF210030	7707922	GRASPER ROLLER BRACKET
LF211020	7707923	LOWER BEARING BLOCK
LF212L30	7707924	CENTER MOUNT BRACKET, LEFT
LF212R30	7707925	CENTER MOUNT BRACKET, RIGHT
LF214080	7707926	IDLER CARRIAGE
LF215020	7707927	GRASPER DRIVE SHAFT
LF216000	7707928	GRASPER PIVOT SHAFT
LF218020	7707929	GRASPER SPRING FINGER
LF221000	7707930	GRASPER ROLLER SHAFT
LF222060	7707931	PICK FINGER
LF223040	7707932	PICK FINGER BRACKET
LF228010	7707934	CENTER SUPPORT BRACKET
LF230000	7707935	TEE
LF300010	7707936	INFEED LEAF
LF303040	7707937	CENTER INFEED BRACKET TOP
LF3050B0	7707938	DETECTOR BRACKET
LF306L40	7707939	ANTI BACKUP BRACKET LEFT
LF306R40	7707940	ANTI BACKUP BRACKET RIGHT
LF307010	7707941	BEARING BLOCK
LF308070	7707942	STACK TOP FINGER
LF310000	7707943	ORING SLEEVE
LF312010	7707944	DUAL PULLEY SHAFT
LF313020	7707945	ARM
LF314000	7707946	MID SIZE LINK ARM
LF316010	7707947	INFEED MOUNT SHAFT
LF318000	7707948	BUMPER MOUNT FINGER
LF320000	7707949	CLAMP BRACKET
LF321070	7707950	Aux Pick Finger
LF323000	7707951	IDLER ROLLER
LF324000	7707952	RETARD PIVOT SHAFT
LFS02000	7707953	FEEDER DECK W/PEMS
PN001040	7707954	SIDE PLATE
PN002020	7707955	DIE SET MOUNT
PN004020	7707956	PUNCH DRIVE ARM
PN005020	7707957	DRIVE BAR
PN006050	7707958	CAM SHAFT
PN007030	7707959	STRIPPER BRACKET
PN008010	7707960	TIE BAR
PN012010	7707961	DIE SET MOUNT BAR
PN013000	7707962	CAM FOLLOWER MOUNT
PN014010	7707963	TRANSFER SHAFT
PN016000	7707964	STANDOFF
PN018000	7707965	CROSS BAR
PN019020	7707966	DIE SET HOLD DOWN
PN022000	7707967	BEARING BLOCK
PN023010	7707968	MOTOR BRACKET
PN028010	7707969	DIE SET INFEED
PN029020	7707970	INFEED MOUNTS
PN031030	7707971	MOUNT BLOCK
PN032010	7707972	SLUG CHUTE
PN033000	7707973	SLUG CHUTE RETAINER

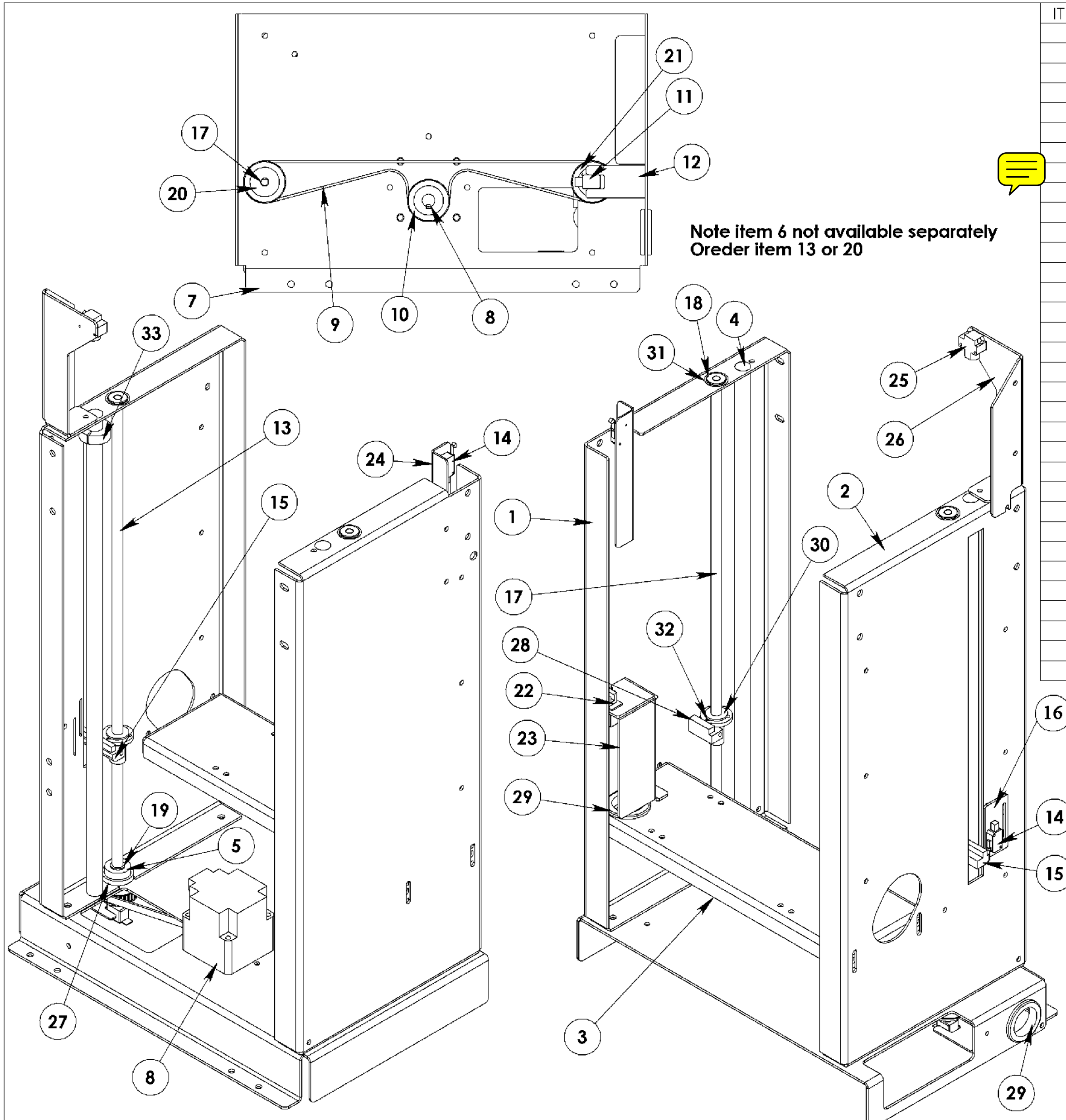
PN034L20	7707974	DIESET DRIVE CAM LEFT
PN034R20	7707975	DIESET DRIVE CAM RIGHT
PN035090	7707976	DIE CLAMP BRACKET
PN036030	7707977	DIE CLAMP WEDGE PLATE
PN037010	7707978	DIESET CLAMP CAM
PN040020	7707979	CLAMP MOTOR GEAR
PN041020	7707980	CAM GEAR
PN042030	7707981	DIESET PIN LATCH
PN043050	7707982	DIE ADJUST MOUNT BRACKET
PN044050	7707983	DIE ADJUST SCREW
PN045010	7707984	DIE ADJUST BLOCK
PN048000	7707985	CAM SHAFT
PN059010	7707988	SPROCKET HUB
PN060020	7707989	HOME SWITCH ACTUATOR
PN061030	7707990	Switch Bracket
PN063000	7707991	Handwheel
PN064000	7707992	BEARING RETAINER SPACER
PN0650C0	7707993	BARCODE SENSOR BRACKET
PN066020	7707994	SENSOR BRACKET
PN067000	7707995	Encoder Bracket
PN068010	7707996	SLUG BIN BODY
PN069010	7707997	SLUG BIN END
PN071000	7707998	GEAR HUB
PN072000	7707999	FOLLOWER WEAR PLATE
PN073000	7708000	SQUARE KEY
PN077000	7708001	SENSOR SPRING CLIP
PN078000	7708002	Rear Clamp Finger
PN079010	7708003	LEVER ARM
PR102030	7708004	ADJUST ACME ROD
PR103030	7708005	FIXED HEX SHAFT
PR105040	7708006	EXIT UP DOWN CAM
PR106070	7708007	EXIT IN OUT CAM
PR108060	7708008	LEFT JUSTIFY CAM
PR110020	7708009	RIGHT HEX SHAFT
PR123020	7708010	GEAR CAM SHAFT
PR125000	7708011	CAM SPACER
PR127040	7708012	CROWNED FLAT BELT PULLEY
PR133000	7708013	RACK CROSS ROD
PR141030	7708014	CENTER DECK LEFT BRACKET
PR148010	7708015	REAR RIGHT JUSTIFY BRACKET
PR149030	7708016	REAR JUSITFIER CAM
PR150010	7708017	REAR LEFT JUSTIFY BRACKET
PR152020	7708018	LEFT REAR MOUNT BRACKET
PR158000	7708019	ACME NUT BLOCK
PR159010	7708020	GUIDE POST
PR160040	7708021	FLAT BELT IDLER PULLEY
PR179000	7708022	SHAFT BRACKET
PR180010	7708023	GEAR SPACER A
PR181000	7708024	GEAR SPACER B
PR186030	7708025	DECK BAR
PR189010	7708026	SHORT SPACER
PR191000	7708027	BEARING BLOCK

PR194000	7708028	GEAR SPACER E
PR195000	7708029	GEAR SPACER F
PR198000	7708030	LEFT REAR CAM SPACER
PR205020	7708031	DRIVE IDLER SHAFT
PR206L70	7708032	LEFT REAR JOG BLOCK
PR206R70	7708033	RIGHT REAR JOG BLOCK
PR209030	7708034	CENTER REAR DECK
PR218020	7708035	TOWER RH
PR222010	7708036	ENCODER MOUNT BRACKET
PR224010	7708037	KICKER LOCATOR BRACKET
PR225020	7708038	TOWER LH
PR226040	7708039	LEFT SIDE FRAME
PR227070	7708040	RIGHT SIDE FRAME
PR228010	7708041	FEEDER MOUNT DECK
PR229020	7708042	FIXED CROSS ROD
PR230020	7708043	LEFT JUSTIFY BRACKET
PR231020	7708044	ADJUSTMENT TRANSFER BRACKET
PR233060	7708045	RIGHT JUSTIFY BRACKET
PR235020	7708046	EXIT PIVOT BRACKET
PR236010	7708047	EXIT MOUNT BRACKET
PR237060	7708048	LEFT JUSTIFY BRACKET
PR238000	7708049	PIVOT SHAFT
PR239040	7708050	LAST NIP PIVOT BRACKET
PR240020	7708051	LAST NIP SHAFT
PR241010	7708052	IDLER
PR242000	7708053	TIMING PULLEY CLR ANOD ALUM 20XL037, 3/8B
PR244010	7708054	PINION GEAR
PR245000	7708055	RACK GEAR SHAFT
PR246010	7708056	RACK
PR247010	7708057	RIGHT ANGLE BRACKET
PR248020	7708058	PIVOT SHAFT
PR250030	7708059	ADJUSTED HEX SHAFT
PR254000	7708060	12 PITCH 15T BEVEL GEAR - TAPPED HEX
PR255000	7708061	12 PITCH 15T BEVEL GEAR - HEX
PR256010	7708062	12 PITCH 15T BEVEL GEAR - TAPPED ROUND
PR258000	7708063	TIMING PULLEY CLR ANOD ALUM 16XL037, 3/8B
PR262030	7708064	SHAFT BRACKET
PR263000	7708065	DRIVE IDLER SHAFT
PR265030	7708066	ROLLER SHAFT SHORT
PR266000	7708067	REAR RACK CROSS ROD
PR268040	7708068	SUPPORT BRACKET
PR270020	7708069	INFEED BRACKET
PR271030	7708070	CENTER BLOCK
PR272010	7708071	STRUT
PR273020	7708072	RIGHT SUPPORT STRUT
PR274040	7708073	INVERTER NIP CAM
PR277010	7708074	ASS KICKER SHAFT
PR278020	7708075	LEFT TOP RAIL
PR279030	7708076	PIVOT BLOCK
PR280L50	7708077	ASS KICKER LEFT
PR280R50	7708078	ASS KICKER RIGHT
PR282010	7708079	ASS KICKER CAM

PR283000	7708080	LEFT SUPPORT STRUT
PR284000	7708081	RIGHT SUPPORT STRUT
PR286010	7708082	ASS KICKER LIFT ARM
PR299000	7708084	DUST COVER
PR300000	7708085	DUST COVER
PRS01L00	7708086	CENTER DECK SUPPORT BRACKET LEFT W/STUDS
PRS01R00	7708087	CENTER DECK SUPPORT BRACKET RIGHT W/STUDS
PRW05010	7708088	HINGED JOGGER WELDMENT
QFGUIS00	7708089	Graphic User Interface Program
QFPANS00	7708090	Panel Software Program
RD002000	7708091	Roll Door Shaft
RD003000	7708092	Left Roll Door Bearing
RD004000	7708093	Right Roll Door Bearing
RD006000	7708094	Roll Side Guide
RD007000	7708095	Roll Front Guide
RD008002	7708096	Stacker Roll Door Frame
RD009000	7708097	Snail Pulley
RD011000	7708098	Roll Clutch Gear
RD019000	7708099	Bottom Door Slat
RD020000	7708100	Roll Door Sweep
RD021000	7708101	Switch Actuator
RD022000	7708102	Top Door Slat
RD023000	7708103	Tie Rod
RD024000	7708104	Weight
RD025000	7708105	Roll Motor Bracket
RDA05002	7708106	Feeder Roll Door Frame
SK026001	7708107	Manual Stacking Fixture
SK031000	7708108	UI Driver Board
SK050000	7708109	SPACER PLATE
SK051000	7708110	NUT PLATE
SKA02001	7708111	Side Panel
SKA03000	7708112	Door
SKA11000	7708113	Feeder Roll Cover
SKA12000	7708114	Stacker Roll Cover
SKA44000	7708115	UI Box
SKA45001	7708116	Front Lid
SKA46001	7708117	Long Lid
SKA47001	7708118	UI Back Plane
2WT6558A	9675006	8.5 X 11, 5-up Tab Stock
2WC70C8A	9742011G	8.5 X 11, 7mm, Clear Cover Stock
2WCLNB8A	9742450G	8.5 X 11, 16lb, Linen Cover Stock
2WCRGB8A	9742491G	8.5 X 11 Regency Cover Stock, Black
2W020W8A	9790006	SHEET OF COPY PAPER WHITE 8-1/2 X 11, 20# BOND
38C1C500	9950012	ONE-PIECE CLAMP STYLE COLLAR STEEL, BLACK FINISH 1/2ID X 1-1/8OD X 13/32W
45WIM003	9950046000	MALE CONNECTOR W/FIXING FLANGES, GREY THERMOPLASTIC 5MM PITCH X 3 POLE
45wim007	9950047000	MALE CONNECTOR W/FIXING FLANGES, GREY THERMOPLASTIC 5MM PITCH X 7 POLE
3ZGSS073	9950109	BALL STUD FOR GAS SPRING 10MM BALL, 5/16-18 STUD
31NYN120	9950257000	NYLON FLAT WASHER, NARROW RIM NATURAL COLOR 1/4ID X 3/8OD X 1/32THK

3CRSC8AG	9950271	ROUND SPACER STEEL 1/2OD X #10ID X 1L
42THD004	9950306	TIE ANCHOR
45MLX106	9950315	FEMALE QUICK CONNECT INSULATED 14-16 AWG 0.250 X 0.032
PN080000		WASTE BIN SENSOR BRACKET
PR291030		RIGHT TOP RAIL

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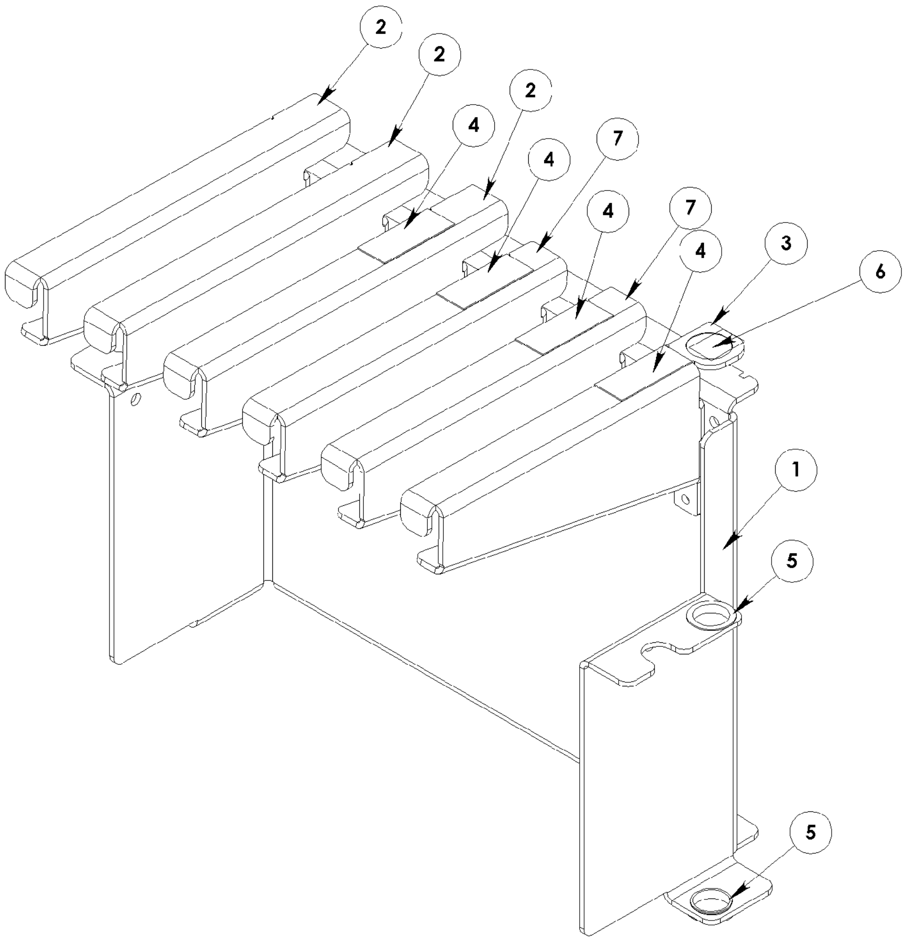
Note item 6 not available separately
Oreder item 13 or 20

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	**7707735**	Left Side Plate
2	1	**7707734**	Right Side Plate
3	1	**7707733**	Horizontal Cross Member
4	2	7707713	Linear Guide Shaft
5	2	7707542	Steel Ball Thrust Bearing For 1/2" Shaft Dia, 1-7/32" OD, Shielded
6	2	1722919	Modified Acme Nut
7	1	**7707736**	Drive Base
8	1	1722921	AC Gear Motor
9	1	1722922	Part Name
10	1	7707721	Drive Pulley
11	1	7707482	Optical Rotary Encoder
12	1	7707715	Encoder Stay
13	1	7707552	Clamp Lift Screw
14	2	**7707507**	SHORT ROLLER BAT SWITCH
15	1	7707717	Right Nut Stay
16	1	7707718	Limit Switch Bracket
17	1	7707551	Plain Lift Screw
18	4	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING
19	2	**1723088**	OIL IMP BRG SIN BRONZE **3/8 ID X 1/2 OD X 1/4 L**
20	1	7707687	Al 30XL037 Pulley
21	1	7707549	30XL037 Clamp style timing pulley
22	1	7707459	Line Interupt Interlock Switch
23	1	7707714	Interlock Bracket
24	1	7707722	Roll Door Up Sw Bracket
25	1	1722924	Photoelectric sensor
26	1	7707725	Paper Out Bracket
27	2	7707727	Thrust Cup
28	1	7707716	Left Nut Stay
29	2	7707675	Mlitary Spec Rubber Grommet
30	2	7707431	CUSHIONING WASHER PURE-RUBBER
31	2	1722925	External Self-Locking Retaining Ring For 7/8" Shaft Dia. 1.203" OD,
32	2	7707441	Coiled Spring Pin, Carbon Steel
33	1	7707635	One-Piece Aluminum Clamp-On Collar 3/4" Bore, 1-1/2" OD

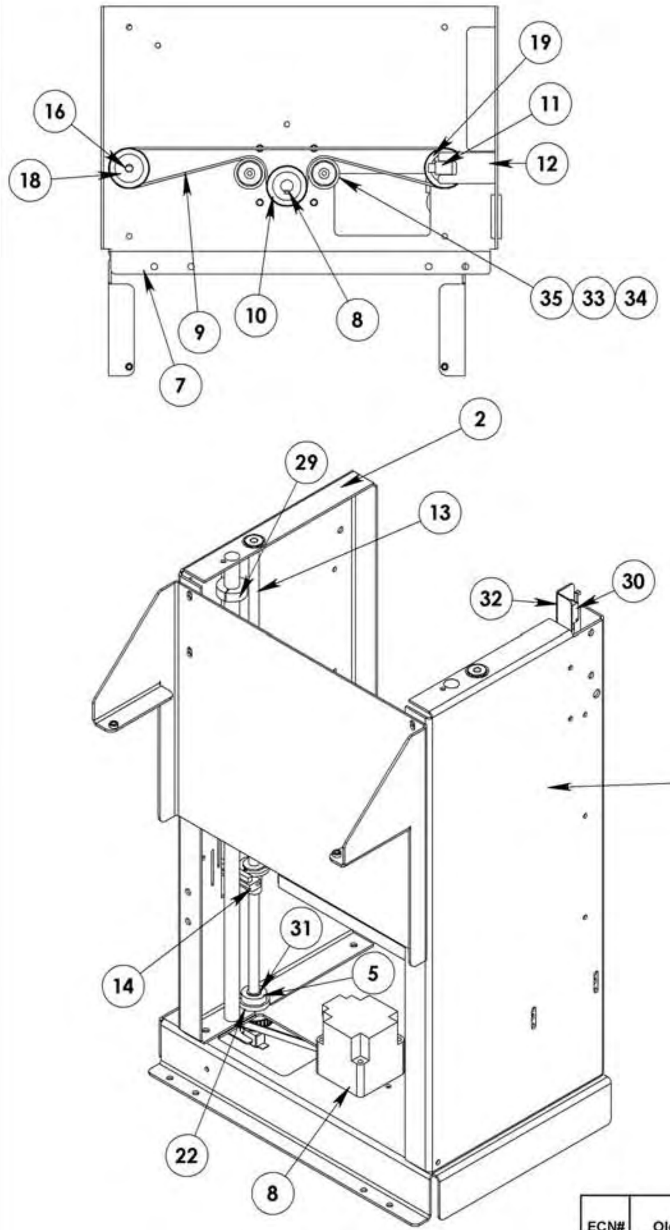
ECN#	Old P/N	Old Rev	New P/N	New Rev	Change Descriptions	Date	By
3582	BES01F00	0	BES01F00	1	60HGF68C was 60BSF684	08-Nov-04	KAJ

FINISH	SCALE **1:5**
MATERIAL **See BOM**	
TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2° MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5	
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ENG **HOT**	CONTROL DATE **4/16/2003 3:07:30 PM**
TITLE **FEEDER FRAME**	SHT **1** OF **1**
as.ter.isk* www.asteriskinc.com 4 Business Park Rd Old Saybrook CT 06475 860.388.3811	ITEM # **BES01F00** REV **1**

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707704	Trolley
2	3	7707707	Feeder Platform
3	1	7707726	Feeder Platform One
4	4	1722926	8981K11
5	4	7707487	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
6	1	1722927	CORNER CUBE REFLETOR
7	2	7707730	Feeder Platform, 2+3



TITLE FEEDER PLATFORM	SHT 1	OF 1
ITEM # BES02F00		REV 0



ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	7707735	1	Left Side Plate
2	7707734	1	Right Side Plate
3	7707733	1	Horizontal Cross Member
4	7707713	2	Linear Guide Shaft
5	7707542	2	Steel Ball Thrust Bearing For 1/2" Shaft Dia, 1-7/32" OD, Shielded
6	1723115	2	Modified Acme Nut
7	7707736	1	Drive Base
8	1722921	1	AC Gear Motor
9	7707491	1	Timing Belt NEO 400XL037
10	7707721	1	Drive Pulley
11	7707482	1	Rotary Optical Encoder
12	7707715	1	Encoder Stay
13	7707552	1	Clamp Lift Screw
14	7707717	1	Right Nut Stay
15	7707718	1	Limit Switch Bracket
16	7707551	1	Plain Lift Screw
17	7707510	4	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING
18	7707687	1	Al 30XL037 Pulley
19	7707549	1	30XL037 Clamp style timing pulley
20	7707459	1	Line Interupt Interlock Switch
21	7707714	1	Interlock Bracket
22	7707727	2	Thrust Cup
23	7707716	1	Right Nut Stay
24	7707675	2	Mlitary Spec Rubber Grommet MS 35489 No. 56 An931, No. A24-28
25	7707431	2	CUSHIONING WASHER PURE-RUBBER 1/2, 0.490ID X 1.062OD X 0.093THK
26	1722925	2	External Self-Locking Retaining Ring For 7/8" Shaft Dia, 1.203" OD, .054" Thickness
27	7707441	2	Coiled Spring Pin, Carbon Steel
28	7707752	1	Stacker Back Stop
29	7707728	1	One-Piece Aluminum Clamp-On Collar 3/4" Bore, 1-1/2" Outside Diameter, 1/2" Width
30	7707507	2	SHORT ROLLER BAT SWITCH
31	1723088	2	OIL IMP BRG SIN BRONZE 3/8ID X 1/2OD X 1/4L FLANGE BEARING
32	7707722	1	Roll Door Up Sw Bracket
33	9950271000	2	ROUND SPACER #10 X 1/2OD X 1.0L
34	7707511	4	Radial Ball Bearing
35	7707719	2	Idler Ring

ECN#	Old P/N	Old Rev	New P/N	New Rev	Change Descriptions	Date	By
3582	BES01S00	0	BES01S00	1	60HGF68C was 60BSF684	08-Nov-04	KAJ

FINISH
SCALE 1:6
MATERIAL **See BOM**

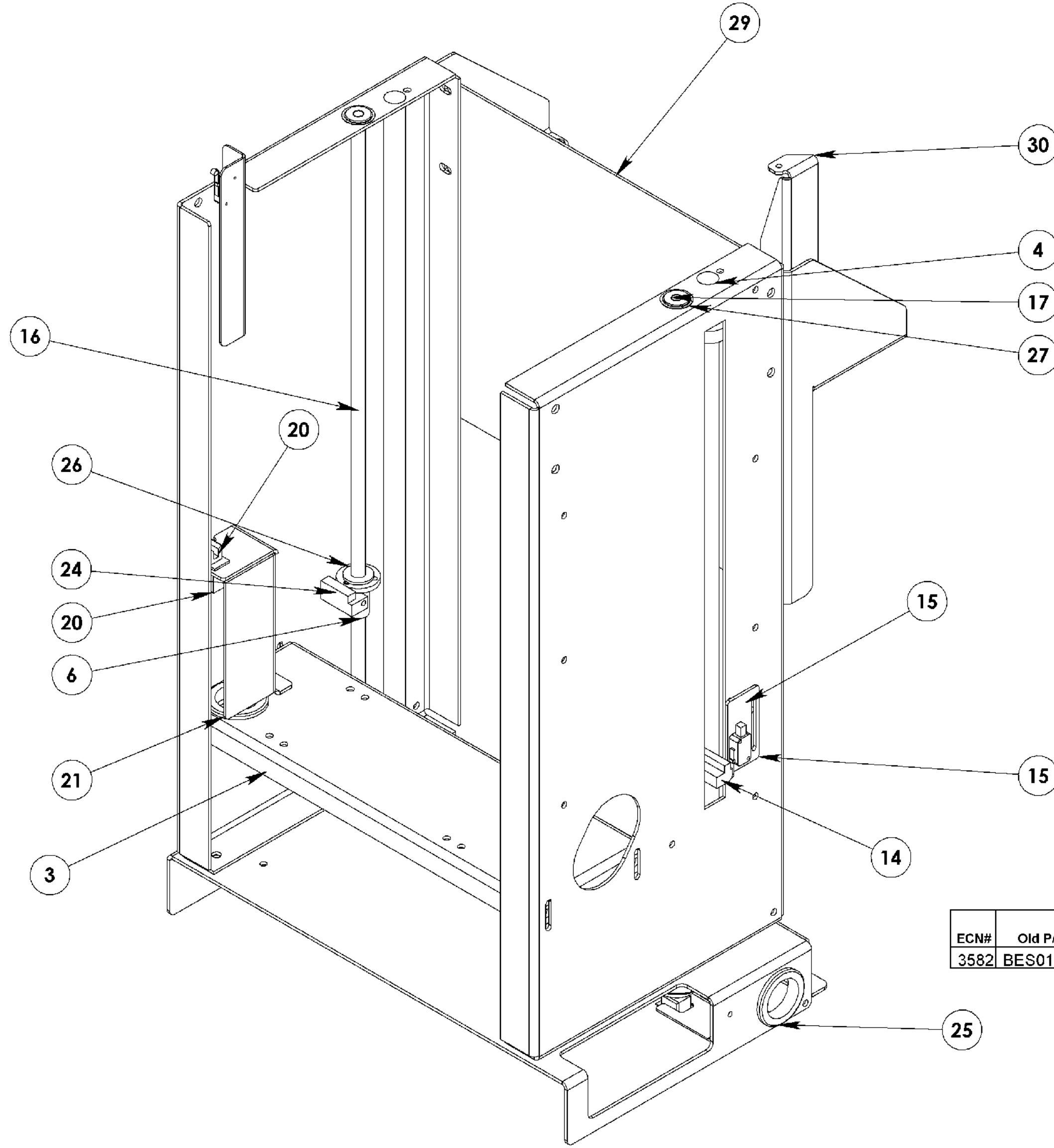
TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5

ENG **HOT** CONTROL DATE **4/16/2003 4:08:08 PM**

TITLE **STACKER FRAME** SHT 1 OF 2

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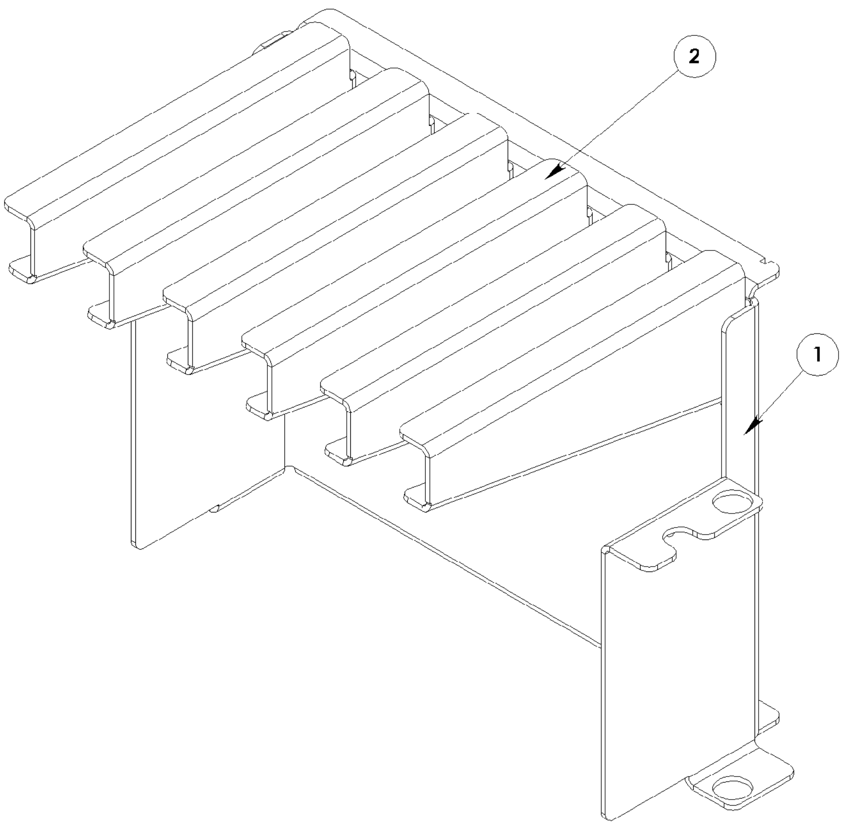
ITEM # **BES01S00** REV **1**



ECN#	Old P/N	Old Rev	New P/N	New Rev	Change Descriptions	Date	By
3582	BES01S00	0	BES01S00	1	60HGF68C was 60BSF684	08-Nov-04	KAJ

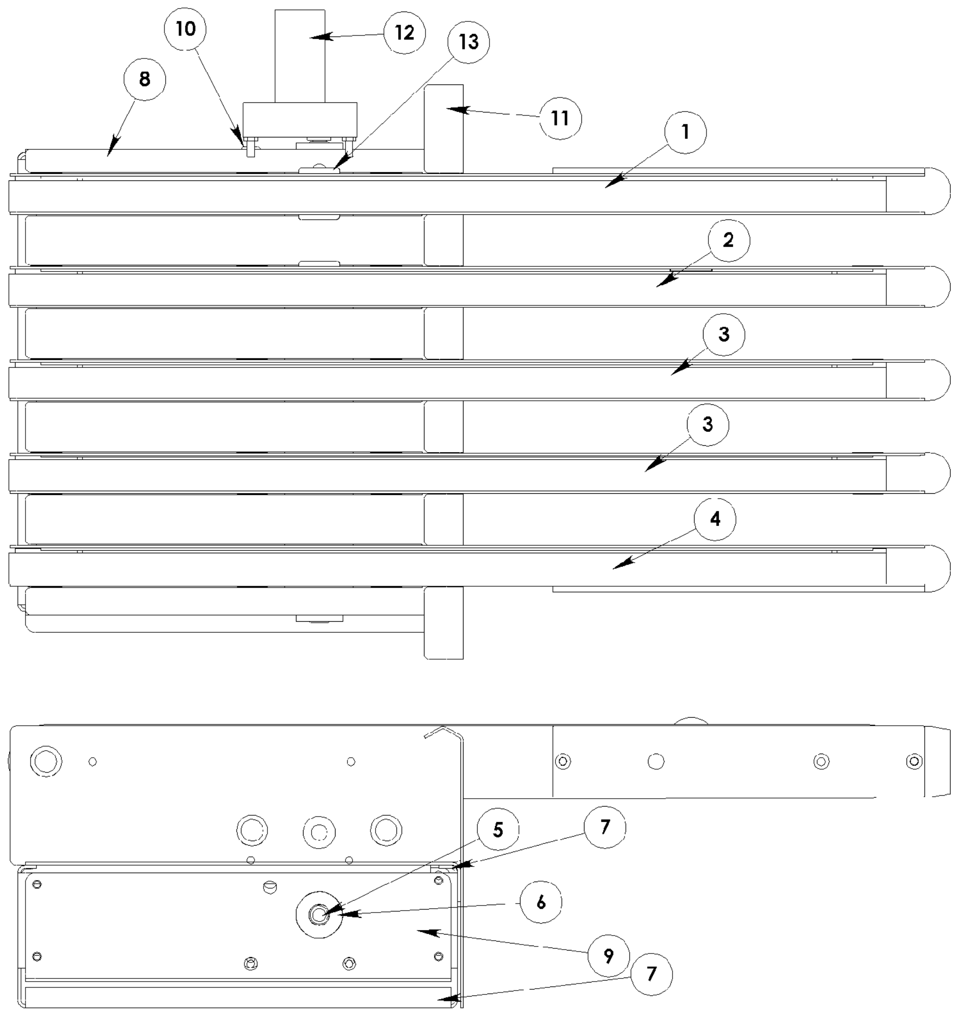
FINISH	SCALE 1:4
MATERIAL See BOM	
TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2° MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5	
ENG HOT	CONTROL DATE 4/16/2003 4:08:08 PM
TITLE BE Stacker Frame	SHT 2 OF 2
as.ter.isk* www.asteriskinc.com 4 Business Park Rd Old Saybrook CT 06475 860.388.3811	ITEM # BES01S00 REV 1

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707704	Trolley
2	6	7707723	Stacker Platform
3	1	7707752	Stacker Back Stop



TITLE STACKER PLATFORM		SHT 1	OF 1
	ITEM # BES02S00		REV

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	1722928	Belt Finger#1
2	1	1722929	Belt Finger#2
3	2	1722930	Belt Finger#3+4
4	1	1722931	Belt Finger#5
5	1	7707705	Timing Shaft
6	2	1771425	Radial Ball Bearing
7	1	7707706	Conveyor Frame
8	1	7707708	Conveyor Clamp
9	2	7707710	Bearing Bracket
10	1	7707673	Mlitary SPec Rubber Grommet MS 35489 No. 91 An931, No. C3-5
11	1	7707724	Conveyor Front Cover
12	1	1722932	24 VOLT DC GEARMOTOR 25 RPM 50 IN-LB
13	3	7707671	Mlitary SPec Rubber Grommet MS 35489 No. 35 An931, No. A4-7

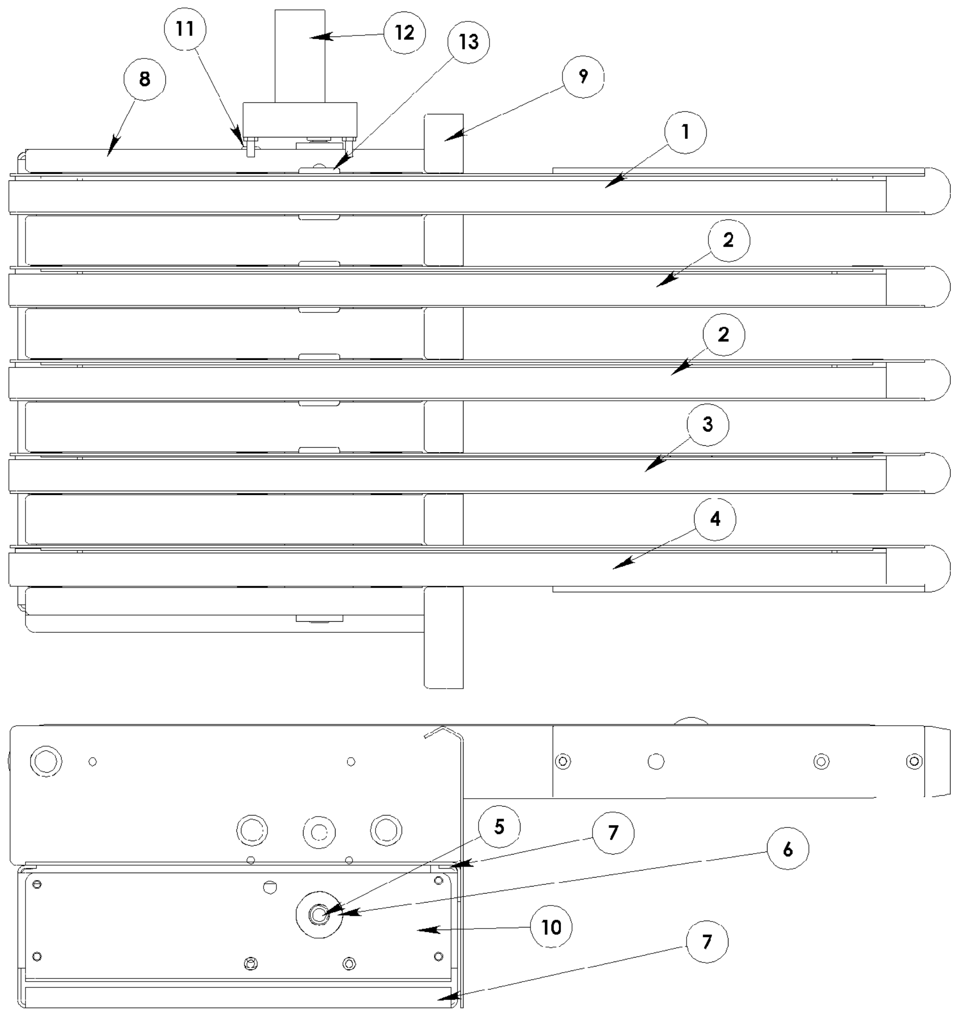


TITLE FEEDER BELT ARRAY

SHT 1 OF 1

ITEM # BES03F00

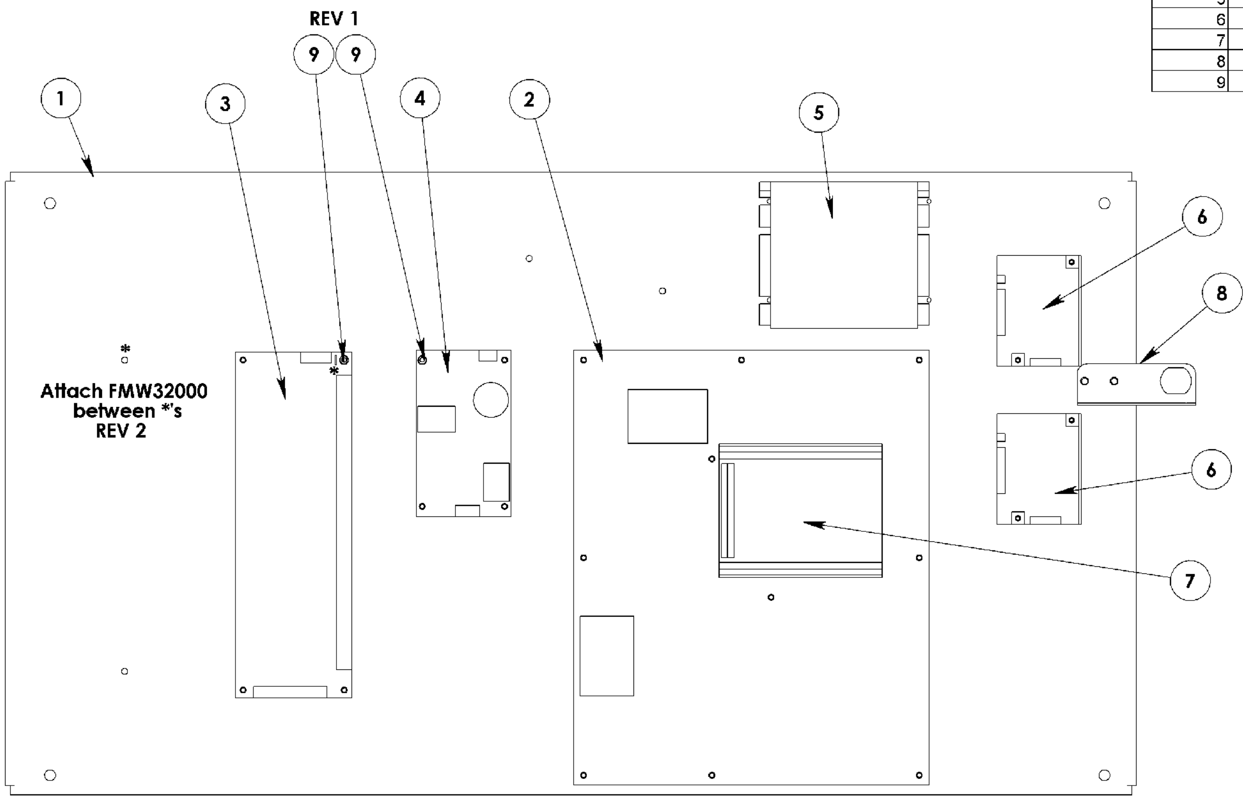
REV 0



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	1722928	Belt Finger#1
2	2	1722930	Belt Finger#3+4
3	1	1722929	Belt Finger#2
4	1	1722931	Belt Finger#5
5	1	7707705	Timing Shaft
6	2	1771425	Radial Ball Bearing
7	1	7707706	Conveyor Frame
8	1	7707708	Conveyor Clamp
9	1	7707709	Coveyor Front Cover
10	2	7707710	Bearing Bracket
11	1	7707673	Mlitary SPec Rubber Grommet MS 35489 No. 91 An931, No. C3-5
12	1	1722932	24 VOLT DC GEARMOTOR 25 RPM 50 IN-LB
13	7	7707671	Mlitary SPec Rubber Grommet MS 35489 No. 35 An931, No. A4-7

TITLE	SHT	OF
STACKER BELT ARRAY	1	1
ITEM # BES03S00		REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707744	Electrical Panel
2	1	7707553	Main I/O Board
3	1	7707524	24-Volt Power Supply
4	1	7707525	5-Volt Power Supply
5	1	7707530	DC Motor Controller, Regenerative
6	2	7707531	Brushless DC Motor Driver
7	1	7707533	Computer Board
8	1	7707742	Strian Relief Bracket
9	2	1730417	SHCS SS #6-32 X 7/16



ECN#	Old P/N	Old Rev	New P/N	New Rev	Change Descriptions	Date	By
3584	ELS01000	1	ELS01000	2	4YCZWPC5 was incorrectly labeled	08-Nov-04	KAJ
3572	ELS01000	0	ELS01000	1	Added 2 32SHSC44's to specific locations for grounding purposes.	10-Aug-04	KAJ
3572	ELS01000	1	ELS01000	2	Added FMW32000 Groundwire between grounding lug on 24V pwr supply and panel.	10-Aug-04	KAJ

FINISH

SCALE 1:3

MATERIAL See BOM

TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5

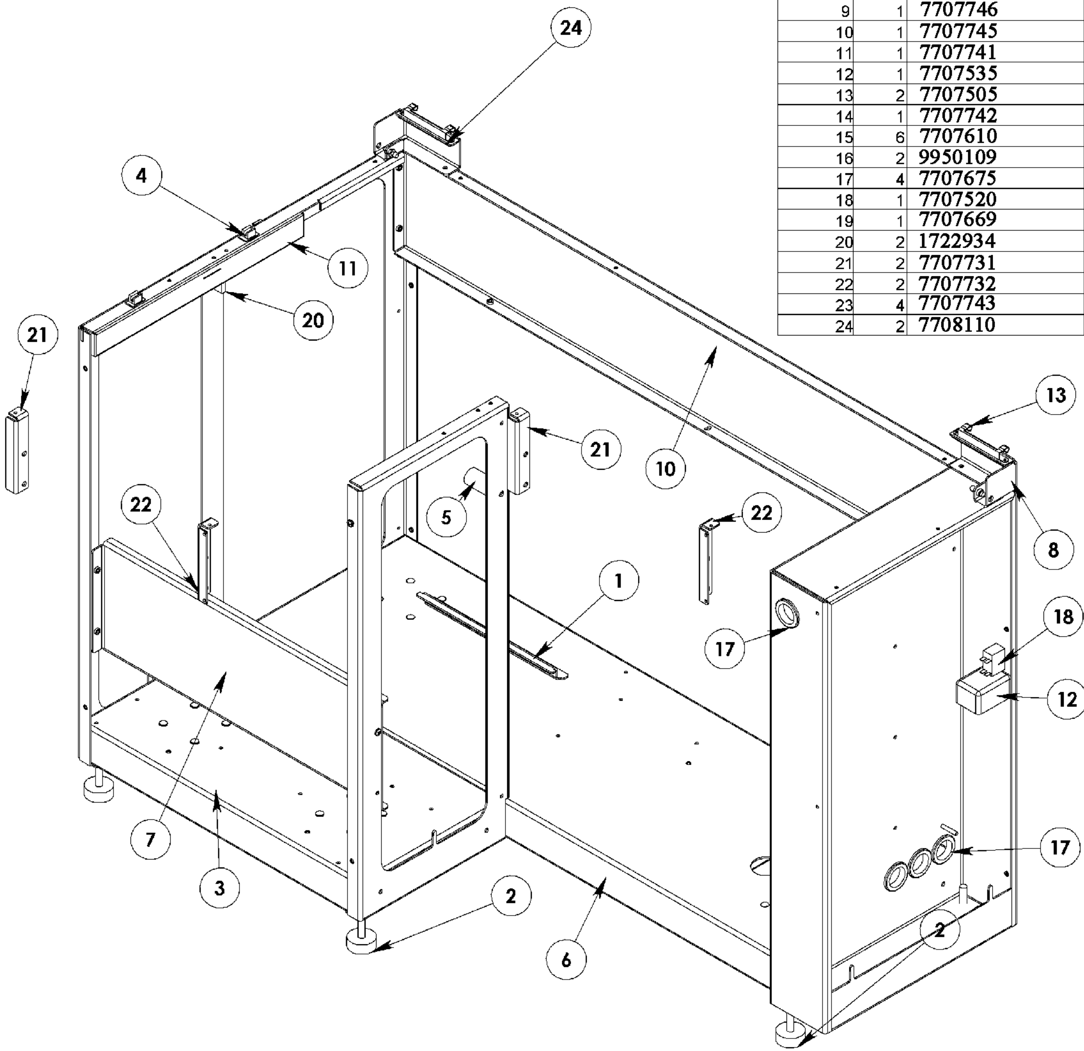
ENG HOT | CONTROL DATE 4/16/2003 1:15:51 PM

TITLE **ELECTRICAL PANEL** | SHT 1 | OF 1

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ITEM # **ELS01000** | REV 2

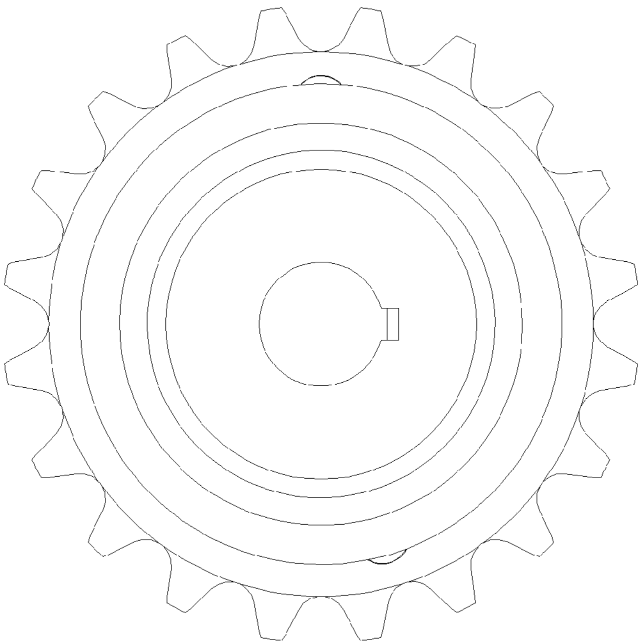
ITEM NO	QTY.	PART NO.	DESCRIPTION
1	2	7707737	PN Clamp
2	5	7707506	LEVELING MOUNT, ZINC PLATED STEEL, ELASTOMER RUBBER, 1/2-13 X 3", 1.97" BASE DIAMETER
3	4	7707650	Swivel Castor
4	3	7707459	Line Interupt Interlock Switch
5	1	7707740	PR Spacer
6	1	7707751	Frame Weldment
7	1	7707748	Front Strut
8	1	7707747	Right Back Hinge Bracket
9	1	7707746	Left Back Hinge Bracket
10	1	7707745	Back Strut
11	1	7707741	Interlock Cover
12	1	7707535	Power Inlet/Filter
13	2	7707505	Concealed QD Hinge
14	1	7707742	Strian Relief Bracket
15	6	7707610	Pan Head Phil Mach Scrw w/Ext Wash 1/4-20 X 0.5
16	2	9950109	Ball Stud For Gas Spring 10mm X 5/16-18
17	4	7707675	Mlitary Spec Rubber Grommet MS 35489 No. 56 An931, No. A24-28
18	1	7707520	Circuit Breaker, Rocker Actuated, 2-Pole
19	1	7707669	Strain Relief Bushin
20	2	1722934	Snap-In Style Magnetic Catch
21	2	7707731	Left Tie Bracket
22	2	7707732	Right Tie Bracket
23	4	7707743	CASTER SPACER
24	2	7708110	Nut Plate

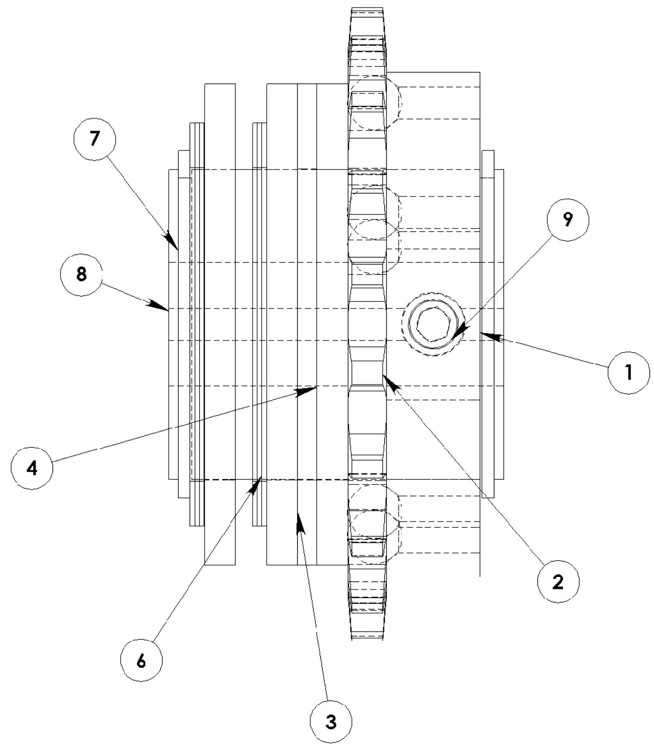


TITLE MAIN FRAME		SHT 1	OF 1
	ITEM # FMS01000		REV 0

NOTE : PART LIST IS FOR REFERENCE ONLY
CLUTCH IS ONLY AVAILABLE AS SPARE AS
ASSEMBLY PART NUMBER 7707570

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707860	DISK
2	1	1722935	CLUTCH SPROCKET 20T #35 ROLLER CHAIN
3	1	7707683	CAGE ASSY FOR THRUST ROLLER BEARING 1.250 ID X 1.94 OD X 5/64 THICK
4	3	7707499	1.250 ID X 1.94 OD X 1/8 THICK THRUST BEARING WASHER
5	5	7707652	CHROME STEEL BALL 7/32 DIA PRECISION GRADE
6	6	7707463	WAVE DISK SPRING 1.261ID X 1.621 OD X 0.0185THK 18LB @ 0.0185DEF
7	2	7707468	EXTERNAL SPIRAL RETAINING RING 1 1/4 SHAFT
8	1	7707861	HUB
9	1	7707627	CPSSS 1/4-20 X 3/4

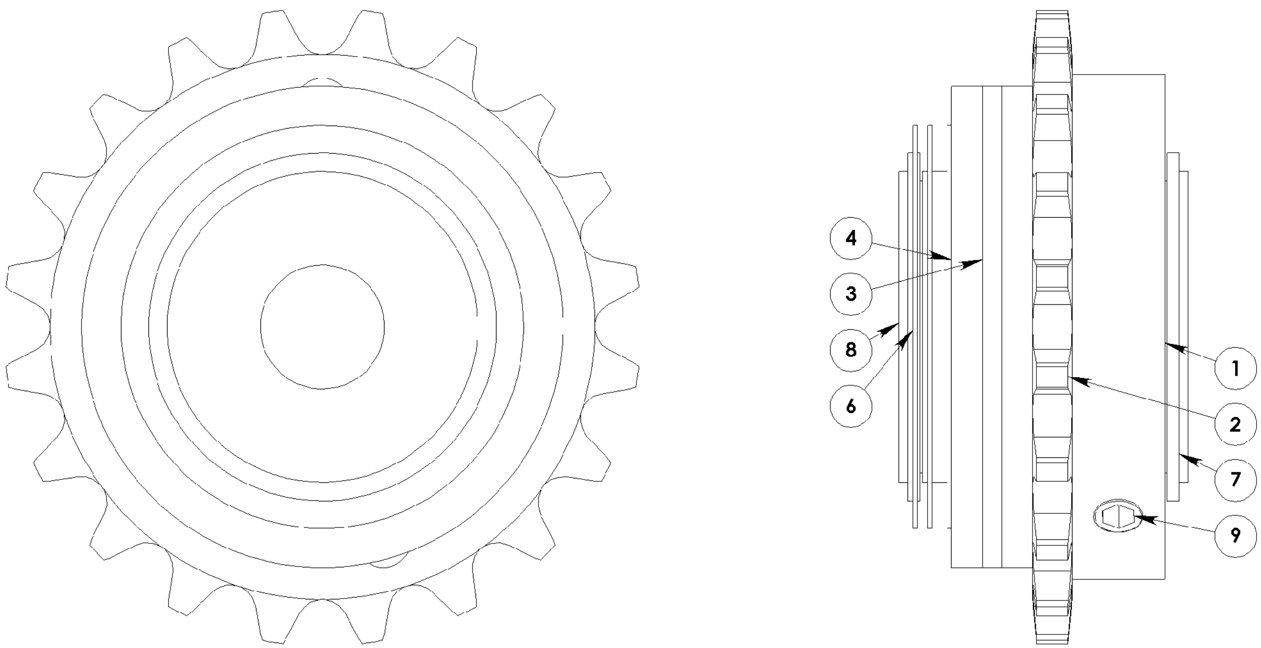




TITLE CHAIN OVERLOAD CLUTCH STRONG
SHT 1 OF 1
ITEM # ISS060S0
REV 0

NOTE : PART LIST IS FOR REFERENCE ONLY
CLUTCH IS ONLY AVAILABLE AS SPARE AS
ASSEMBLY PART NUMBER 7707571

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707860	DISK
2	1	1722935	CLUTCH SPROCKET 20T #35 ROLLER CHAIN
3	1	7707682	CAGE ASSY FOR THRUST ROLLER BEARING 1.250 ID X 1.94 OD X 5/64 THICK
4	2	7707499	1.250 ID X 1.94 OD X 1/8 THICK THRUST BEARING WASHER
5	5	7707652	CHROME STEEL BALL 7/32 DIA PRECISION GRADE
6	3	7707463	WAVE DISK SPRING 1.261ID X 1.621 OD X 0.0185THK 18LB @ 0.0185DEF
7	2	7707468	EXTERNAL SPIRAL RETAINING RING 1 1/4 SHAFT
8	1	7707863	HUB
9	1	7707627	CPSSS 1/4-20 X 3/4

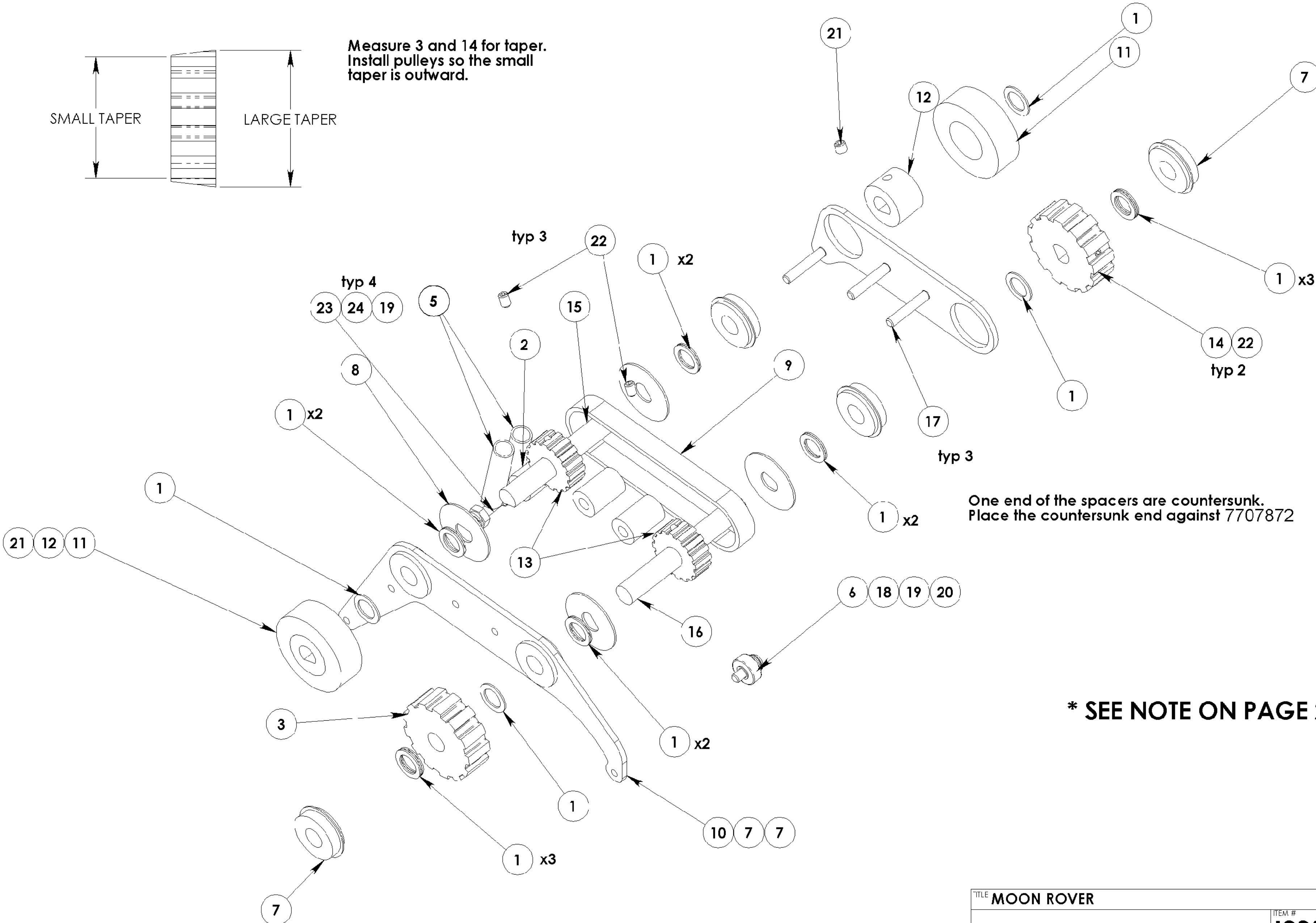


TITLE CHAIN OVERLOAD CLUTCH WEAK

SHT 1 OF 1

ITEM # ISS060W0

REV 0

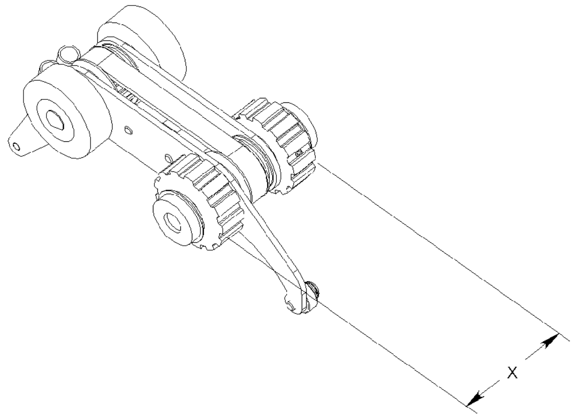


Measure 3 and 14 for taper.
Install pulleys so the small taper is outward.

One end of the spacers are countersunk.
Place the countersunk end against 7707872

*** SEE NOTE ON PAGE 2 ***

TITLE MOON ROVER	SHT 1	OF 2
ITEM # ISS07000		REV 0

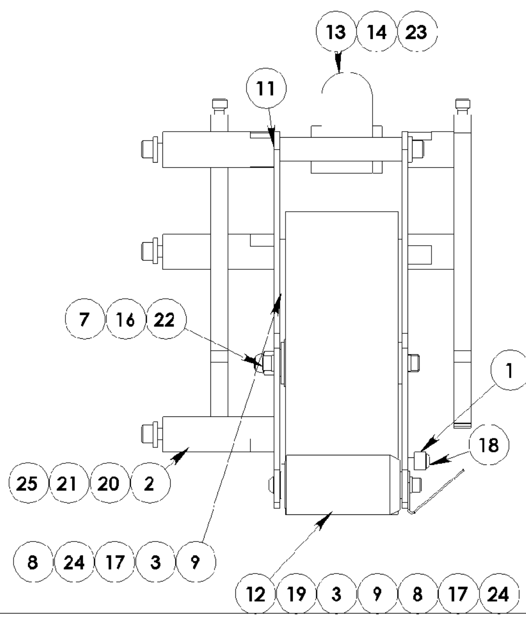


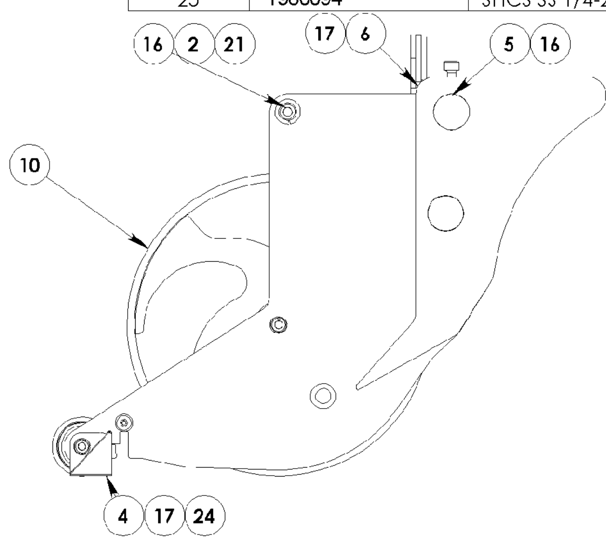
If X is greater than 2.244 remove one shim from EACH group of 3 shims. Group of 3 shims are between the outer bearing and large pulley.

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	18	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK
2	3	1722936	ROUND SPACER, ZINC PLATED STEEL, 1/2 OD X #10ID X 3/4L
3	1	7707867	13T L BELT PULLEY IDLER
4	1	7707872	NIP PIVOT BRACKET REAR
5	2	7707451	EXT spring 0.034 X 0.360 X 1.50 MUSIC
6	1	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE
7	6	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING
8	4	7707839	PULLEY FLANGE
9	1	1981303	TIMING BELT RUBBER 90XL037
10	1	7707834	NIP PIVOT BRACKET FRONT
11	2	7707497	DRIVEN ROLLER
12	2	7707798	DRIVEN ROLLER BUSHING
13	2	7707835	16T XL TIMING BELT PULLEY
14	1	7707554	13T L BELT PULLEY
15	1	7707809	SHAFT
16	1	7707817	DRIVEN SHAFT
17	3	7707605	FHSCS #8-32 X 3/4
18	1	1722937	BHCS SS #8-32 X 0.50
19	2	1926062	LW #8
20	1	1925064	FLAT WASHER MS 15795 MIL, STAINLESS #8, 0.188ID X 0.375OD X0.065THK
21	2	1900090	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #10-32 X 3/16
22	3	7707625	CPSSS #8-32 X 3/16 AS
23	1	1730422	SHCS SS #8-32 X 3/4
24	1	1980701	HEX NUT 18-8 STAINLESS #8-32

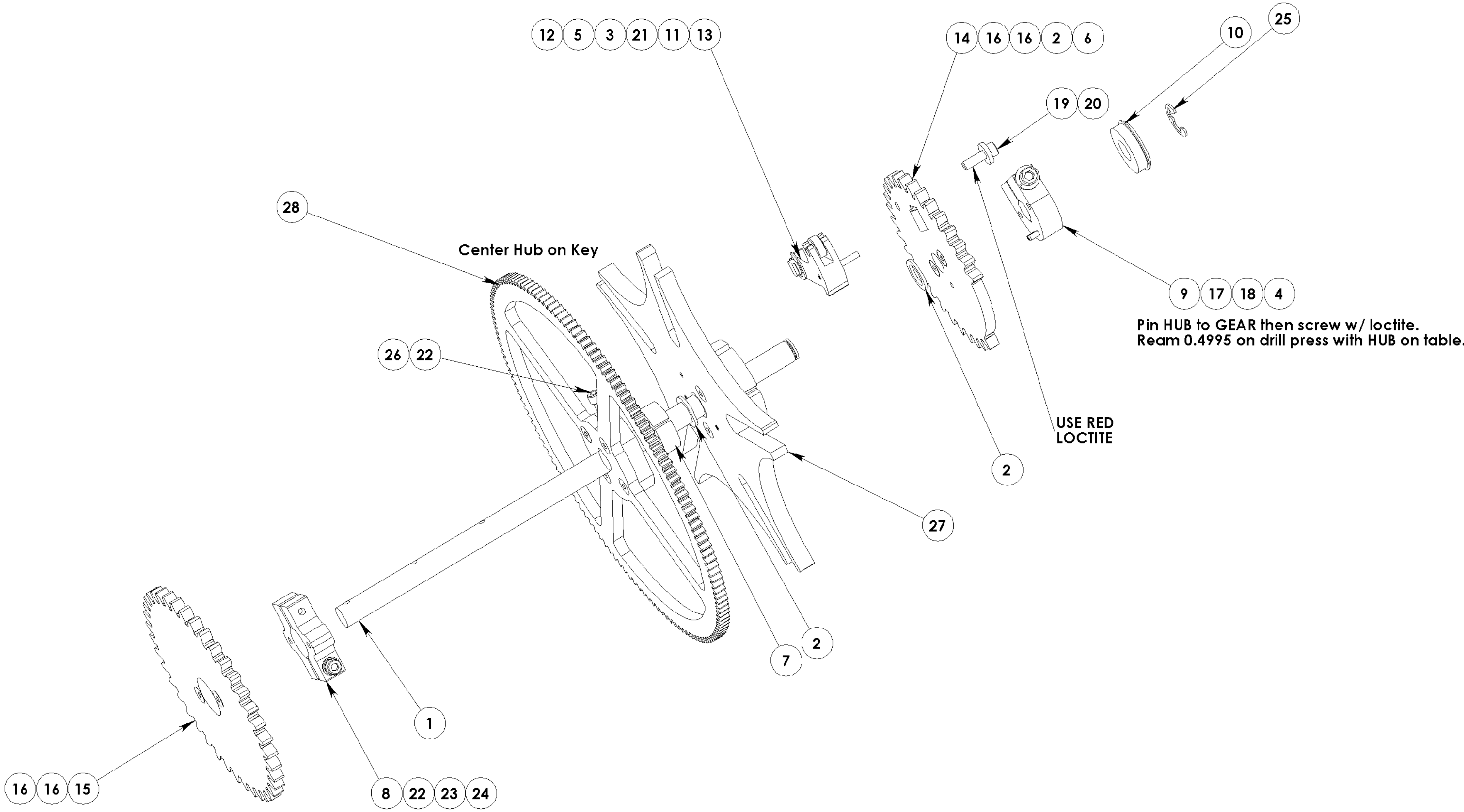
TITLE	SHT	OF
Moon Rover	2	2
Assembly Number 1722942	ITEM # ISS07000	REV 0

ITEM NO.	PART NUMBER	DESCRIPTION	with fasteners/QTY.
1	1722980	Nylon Unthreaded Round Spacer 3/8" OD	1
2	7707797	STANDOFF	4
3	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK	4
4	7707862	PLOW	1
5	7707870	MOUNT BOSS	2
6	7707869	DEFLECTOR	2
7	7707807	SPACER SHAFT	4
8	7707821	STANDOFF SHAFT	2
9	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING	4
10	7707573	DRUM	1
11	7707822	UPPER SIDE PLATE	2
12	7707816	LOWER INPUT PULLEY	1
13	7707874	Reflector Mount Bracket	1
14	7707523	Corner Cube Reflector Disc, 26 mm Dia.	1
15	7707611	18-8 Stainless Steel Fully Threaded Stud 1/4"-20 Thread	2
16	7707615	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 3-1/4	2
17	1980072	SHCS SS #10-32 X 1/2	5
18	1730400	BHCS SS #8-32 X 0.50	1
19	1980281	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS	1
20	1980503	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 1/2	1
21	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"	5
22	1980853	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS 1/4-20	1
23	1980077	SHCS SS #10-32 X 1	1
24	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10	3
25	1980094	SHCS SS 1/4-20 X 1/2	4



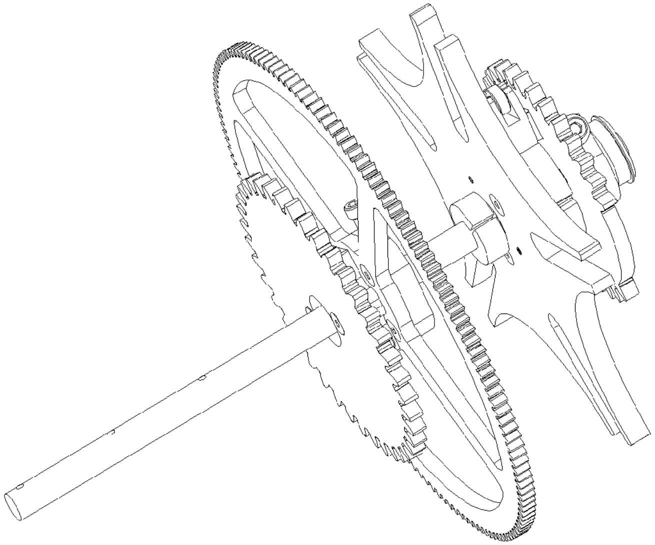


TITLE	INVERTER DRUM	SHT 1	OF 1
	ITEM # ISS10000	REV	



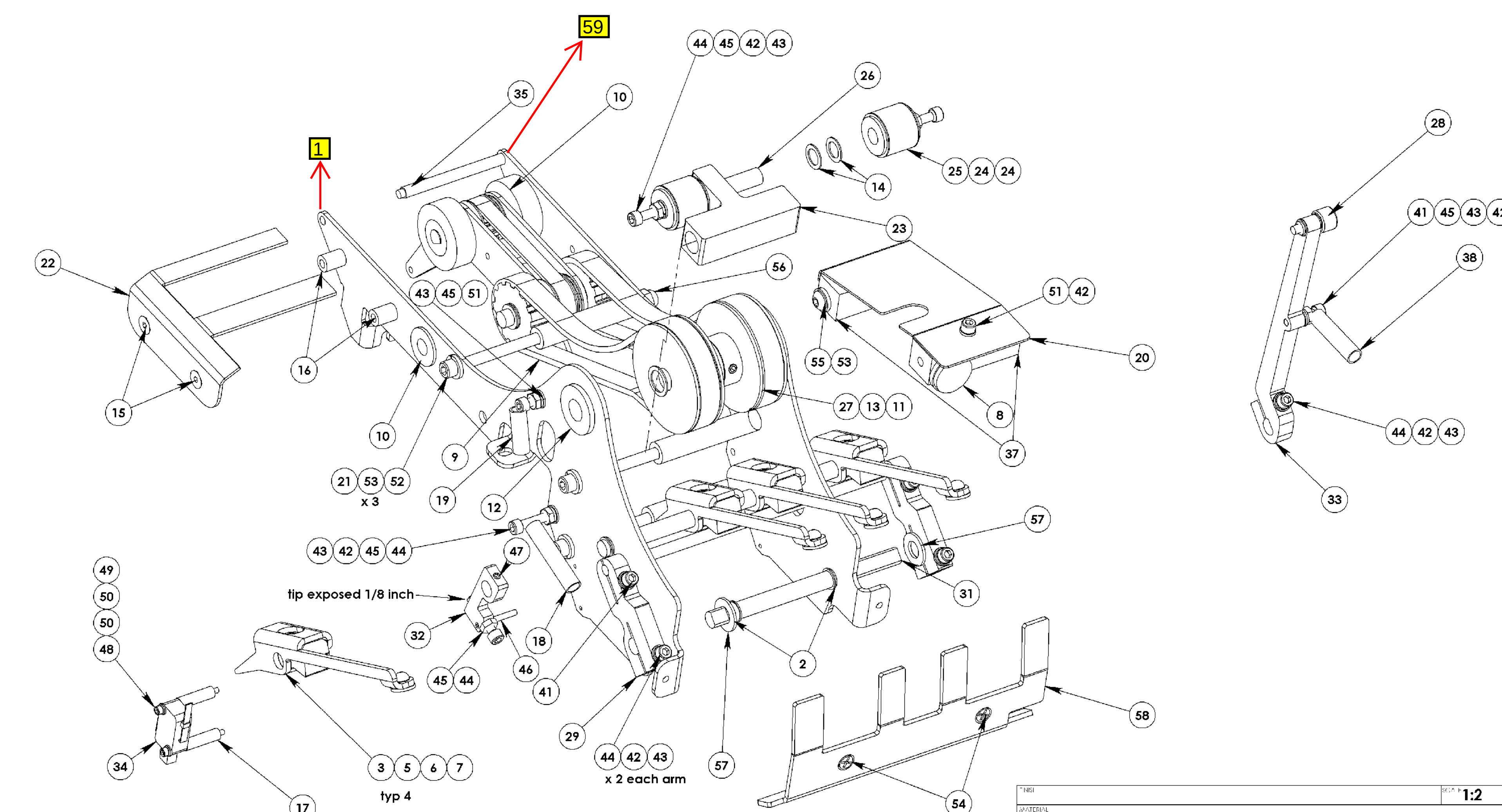
x2
Clamp to HOLLOW SHAFT (not shown)
temporarily then lotite and tighten GEAR.
Remove HOLLOW SHAFT.

TITLE GENEVA WHEEL	SHT 1	OF 2
	ITEM # ISS11000	REV



ITEM NO.	PART NUMBER	DESCRIPTION	with fasteners/QTY.
1	7707786	CLAMP ASSY SHAFT	1
2	1925230	NYLON FLAT WASHER, REGULAR X 0.062 THK	2
3	1931522	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1	1
4	1931533	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 3/4	1
5	7707868	BEARING SHAFT	1
6	7707446	COMP spring 0.042 X 0.455 X 0.500 MUSIC	1
7	9950012	Clamp Collar	1
8	7707799	SHAFT CLAMP	2
9	7707833	HUB	1
10	1771425	Radial Ball Bearing	1
11	7707814	LATCH SHAFT	1
12	9950062	RADIAL BALL BEARING	1
13	7707812	LATCH ARM	1
14	7707789	DRIVEN PARTIAL GEAR	1
15	7707791	DRIVEN GEAR	1
16	1980461	FHSC SS #10-32 X 1/2	4
17	7707614	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH #1/4-20 X 1-1/4	1
18	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"	1
19	1722939	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 5/8	1
20	1925080	FFW CHS 1/4	1
21	1930550	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 3/8 SHAFT	1
22	1980077	SHCS SS #10-32 X 1	3
23	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10	2
24	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK	2
25	1930522	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/2 SHAFT	1
26	7707469	WOODRUFF KEY PLAIN STEEL USA #404	1
27	1722940	GENEVA & HUB	1
28	7707875	DRIVE GEAR ASSEMBLY	1

TITLE GENEVA WHEEL	SHT 2	OF 2
ITEM # ISS11000		REV



ECN#	Old P/N	Old Rev	New P/N	New Rev	Change Descriptions	Date	By
3622	IS123060	1	IS123070	2	Changed material, added bend.	8-Mar-05	KAJ
3526	IS076L80	0	IS076L90	1	Move fence .06 closer to feed plane. Added cutout.	14-Jun-04	KAJ
3526	IS076R80	0	IS076R90	1	Move fence .06 closer to feed plane.	14-Jun-04	KAJ

FINISH

SCALE 1:2

MATERIAL

TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5

ENG | CONTROL DATE

TITLE **INVERTER BELT DRIVE** SHT 1 OF 2

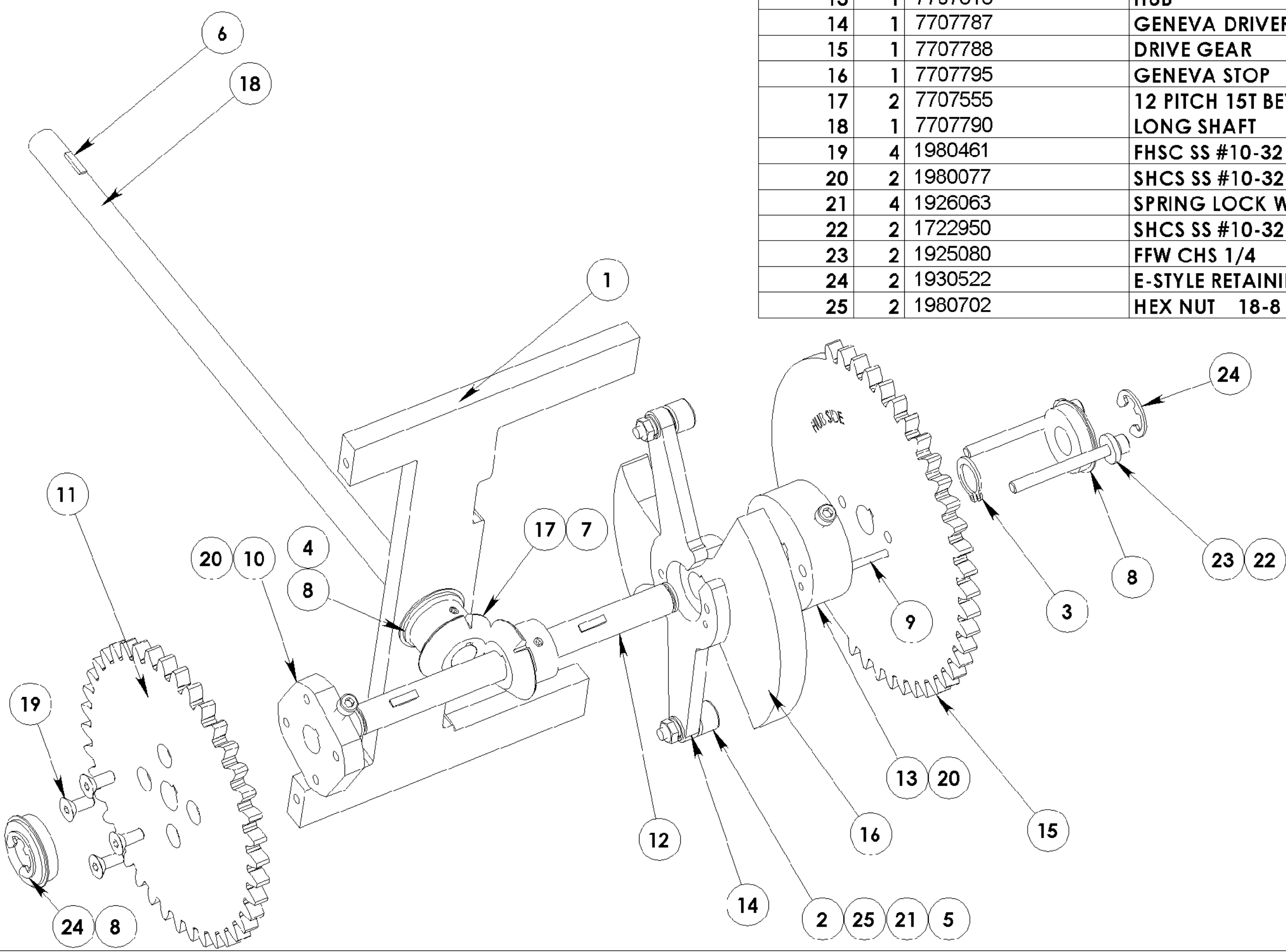
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ITEM # **ISS12000** REV

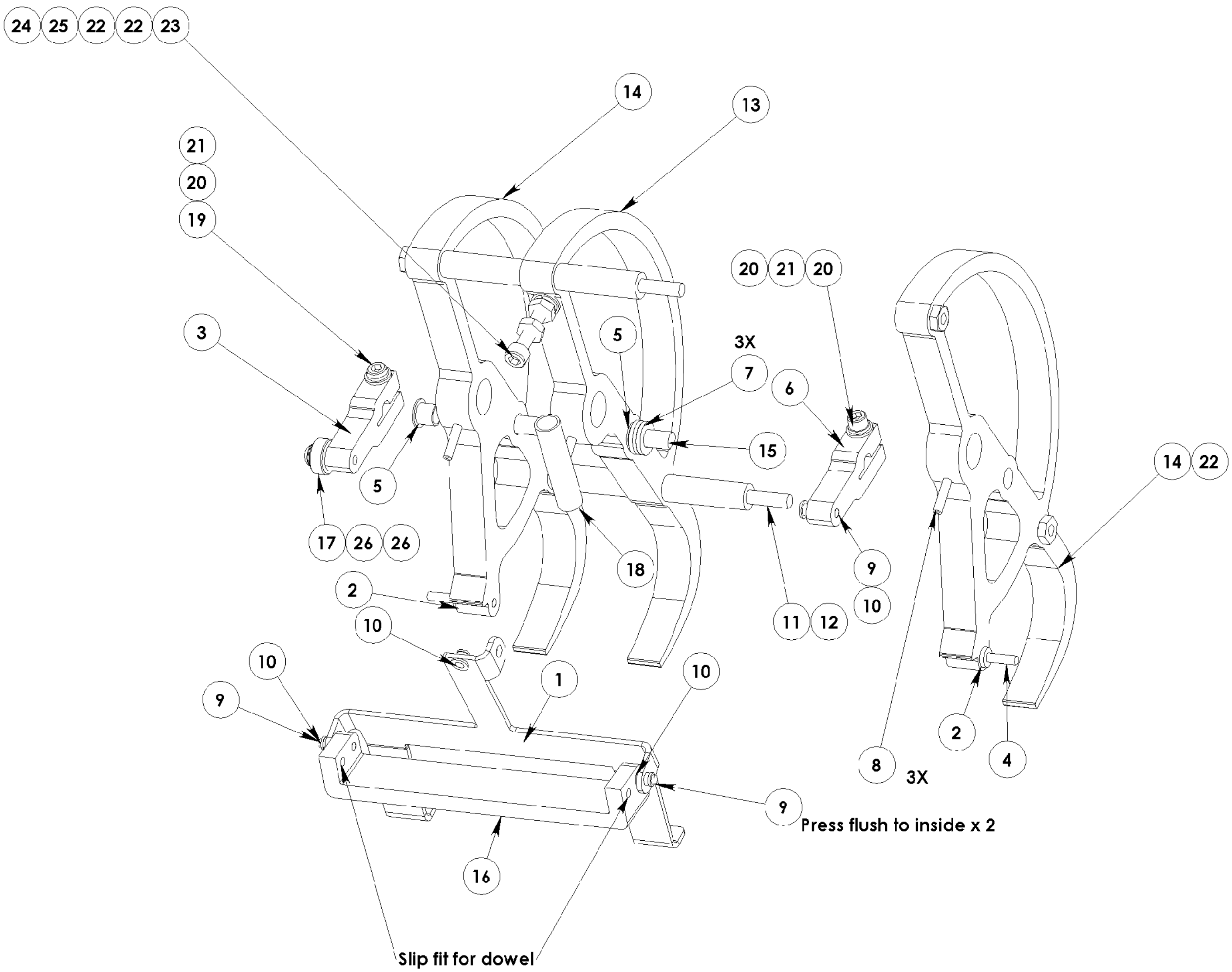
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	~~1722941~~	LOWER INFEED PLATE RIGHT.7707819.ISO76R90
2	4	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
3	4	7707847	DETECT FINGER
4	1	7707843	DETECT SHAFT
5	4	7707849	PIVOT BLOCK
6	4	7707516	Solid Stem Rubber Plug Bumper Flat, 17/32" Head Dia, 1/16" Proj, 1/4" Stem Dia
7	4	1980281	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2
8	1	7707523	Corner Cube Reflector Disc, 26 mm Dia.
9	2	7707548	TIMING BELT 3/8 PITCH 1/2 WIDE URETHANE 50T
10	1	1722942	Moon Rover
11	2	1925238	NYLON FLAT WASHER, NARROW RIM NATURAL COLOR 1/2ID X 11/16OD X 1/32THK
12	2	1771425	Radial Ball Bearing
13	2	7707626	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 3/8
14	4	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK
15	2	7707606	18-8 SS Flat Head Socket Cap Screw 10-32 Thread, 3/4" Length
16	2	1924819	ROUND SPACER ALUMINUM 3/8 OD X #10 X 1/2 L
17	2	7707646	Nylon Unthreaded Round Spacer 1/4" OD, 7/8" Length, #4 Screw Size
18	1	7707452	EXT spring 0.034 X 0.360 X 1.75 MUSIC
19	2	7707453	EXT spring 0.041 X 0.36 X 1.00 MUSIC
20	1	7707865	DUST COVER
21	3	7707807	SPACER SHAFT
22	1	7707836	LOWER INFEED BRACKET
23	1	7707859	TENSIONER BLOCK
24	4	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING
25	2	7707857	BELT TENSION TUBE
26	1	7707858	TENSIONER SHAFT
27	2	7707856	20L TIMING BELT PULLEY
28	1	7707544	CAM FOLLOWER 1/2 STUD
29	2	1722944	DETECT PIVOT ARM
30	1	7707852	DETECT LIFT ROD
31	1	7707850	DETECT SHAFT
32	1	7707848	SWITCH ACTUATOR
33	1	7707845	LIFT ARM
34	1	7707508	SHORT STRAIGHT BAT MECHANICAL SWITCH
35	1	7707838	SPRING ANCHOR ROD
36	1	7707818	LOWER INFEED PLATE LH
37	2	7707808	SQUARE STANDOFF
38	1	7707451	EXT spring 0.034 X 0.360 X 1.50 MUSIC
39	1	1926062	LW #8
40	1	1925064	FLAT WASHER MS 15795 MIL, STAINLESS #8, 0.188ID X 0.375OD X0.065THK
41	3	1980075	SHCS SS #10-32 X 3/4
42	12	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
43	11	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
44	7	1980077	SHCS SS #10-32 X 1
45	7	1980702	HEX NUT 18-8 STAINLESS #10-32
46	1	1931522	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1
47	1	1730455	BRASS TIPPED SOCKET SET SCREW ALLOY STEEL,BLACK FINISH #10-32 X 3/16 LGTH
48	2	0147080007	SHCS SS #4-40 X 1.5
49	2	1926060	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #4
50	2	1725067	FLAT WASHER MS15795 MIL, STAINLESS 0.125ID X 0.250OD X 0.028THK 1925067
51	3	1980072	SHCS SS #10-32 X 1/2
52	3	7707615	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH 1/4-20 X 3-1/4
53	4	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
54	2	7707607	FLAT HEAD PHILLIPS MACHINE SCREW, #10-32 X 1/4
55	1	1980303	BHCS SS 1/4-20 X 1/2
56	2	1980853	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS 1/4-20
57	2	1925223	NYLON FLAT WASHER, REGULAR NATURAL COLOR 3/8, 0.390ID X 0.75OD X 0.062THK
58	1	1723113	STOP BRACKET
59	1	7707818	LOWER INFEER PLATE ,L,ISO76L90

FINISH		SCALE 1:8
MATERIAL		
TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2° MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5		
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ENG	CONTROL DATE	
TITLE INVERTER BELT DRIVE		SHT 2 OF 2
as.ter.isk* www.asteriskinc.com 4 Business Park Rd Old Saybrook CT 06475 860.388.3811	ITEM # ISS12000	REV

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707830	CROSS STRUT
2	2	7707544	CAM FOLLOWER 1/2 STUD
3	1	1925230	SELF-LOCKING EXTERNAL RETAINING RING SPRING STEEL, 1/2 SHAFT
4	1	1925230	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/2, 0.505 X 0.750 X 0.062 THK
5	4	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
6	5	7707469	WOODRUFF KEY PLAIN STEEL USA #404
7	2	1900090	CUP POINT SOCKET SET SCREW ALLOY STEEL, BLACK FINISH #10-32 X 3/16
8	3	1771425	Radial Ball Bearing
9	1	7707443	Plain Steel Spring Pin 1/8" Dia, 2" Length
10	1	1722949	HUB
11	1	7707829	DRIVEN GEAR
12	1	7707827	DRIVEN BEVEL GEAR SHAFT
13	1	7707815	HUB
14	1	7707787	GENEVA DRIVER ARM
15	1	7707788	DRIVE GEAR
16	1	7707795	GENEVA STOP
17	2	7707555	12 PITCH 15T BEVEL GEAR
18	1	7707790	LONG SHAFT
19	4	1980461	FHSC SS #10-32 X 1/2
20	2	1980077	SHCS SS #10-32 X 1
21	4	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
22	2	1722950	SHCS SS #10-32 X 2
23	2	1925080	FFW CHS 1/4
24	2	1930522	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/2 SHAFT
25	2	1980702	HEX NUT 18-8 STAINLESS #10-32



TITLE INVERTER DRIVE GEARS	SHT 1	OF 1
	ITEM # ISS13000	REV

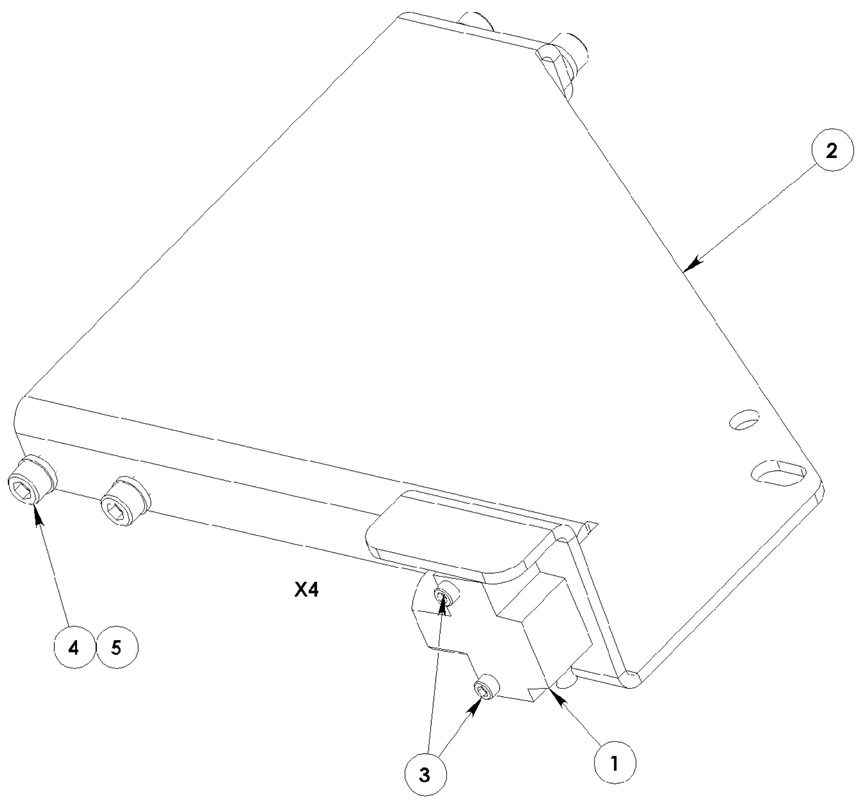


TITLE INVERTER CLAMP	SHT 1	OF 2	
ITEM # ISS14000		REV 0	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707801	CLAMP BRACKET
2	2	7707423	Nylon 6/6 Flat Washer 5 Screw Size, .130" ID, .285" OD, .062" Thk
3	1	7707803	BEARING LINK
4	2	1954120	1/8 X 1 hardened steel dowel pin
5	2	7707460	Flanged Nyliner Bearing 1/4 Shaft
6	1	7707805	BEARING LINK
7	3	1925224	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/4, 0.252ID X 0.472OD X 0.060THK
8	3	1931522	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1
9	3	7707437	1/8 X 1/2 hardened steel dowel pin
10	4	7707483	Snap-In Nylon Bearing For 1/8" Shaft Diameter, 1/4" O'all Diameter
11	2	7707796	THREADED ROD
12	4	1722948	ROUND SPACER #10 X 3/8 X 1.25 NYLON
13	1	7707806	CENTER INVERT FINGER
14	2	7707793	OUTER INVERT FINGER
15	1	7707804	CLAMP LINK SHAFT
16	1	7707802	YOKE
17	1	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE
18	1	1935317	EXT SPRING .375OD X .039 WIRE X 1.50LG
19	2	1730422	SHCS SS #8-32 X 3/4
20	3	1926062	LW #8
21	2	1925064	FLAT WASHER MS 15795 MIL, STAINLESS #8, 0.188ID X 0.375OD X0.065THK
22	6	1980702	HEX NUT 18-8 STAINLESS #10-32
23	1	1980079	SHCS SS #10-32 X 1-1/4
24	1	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
25	1	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
26	1	1730400	BHCS SS #8-32 X 0.50

TITLE INVERTER CLAMP	SHT 2	OF 2
ITEM # ISS14000		REV 0

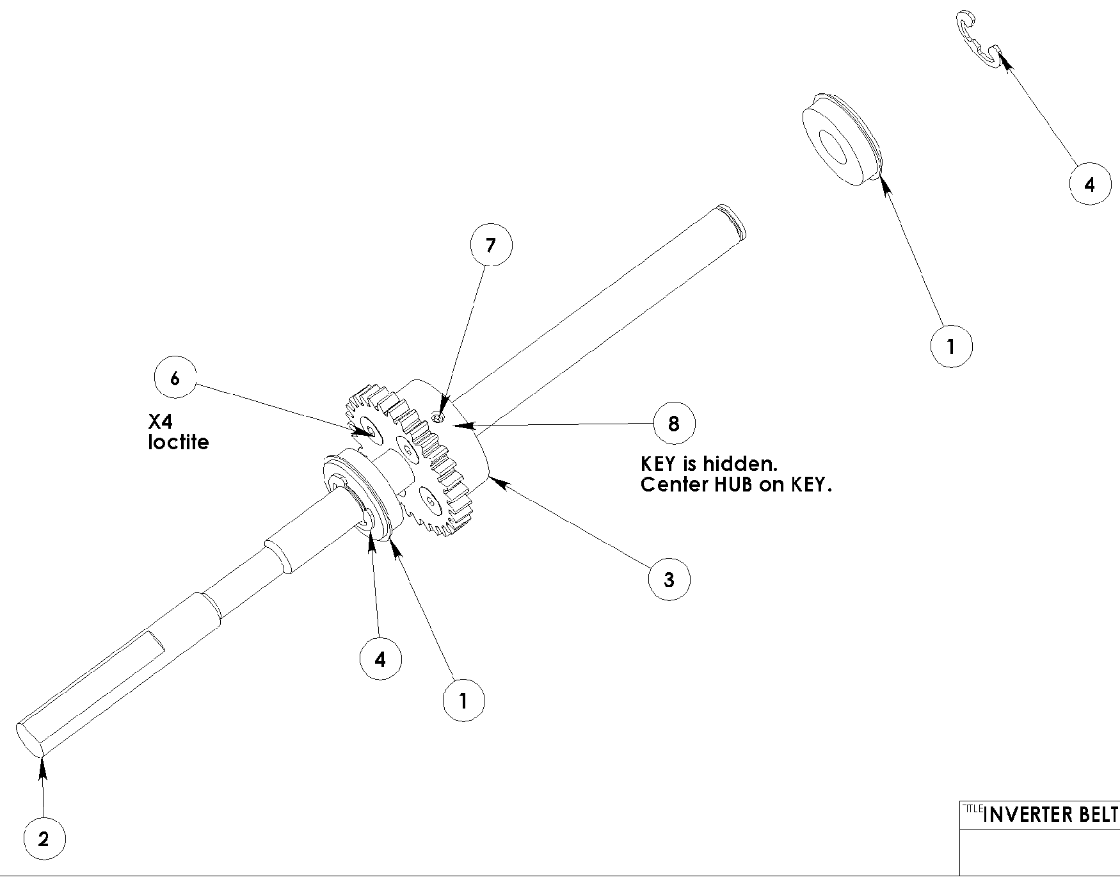
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707521	Photoelectric sensor, Polarized Retroreflective, NPN, Dark
2	1	7707854	SENSOR BRACKET
3	2	1730414	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 5/8
4	4	1980072	SHCS SS #10-32 X 5/16
5	4	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10



TITLE INVERTER SENSOR BRACKET		SHT 1	OF 1
	ITEM # ISS16000		REV 0

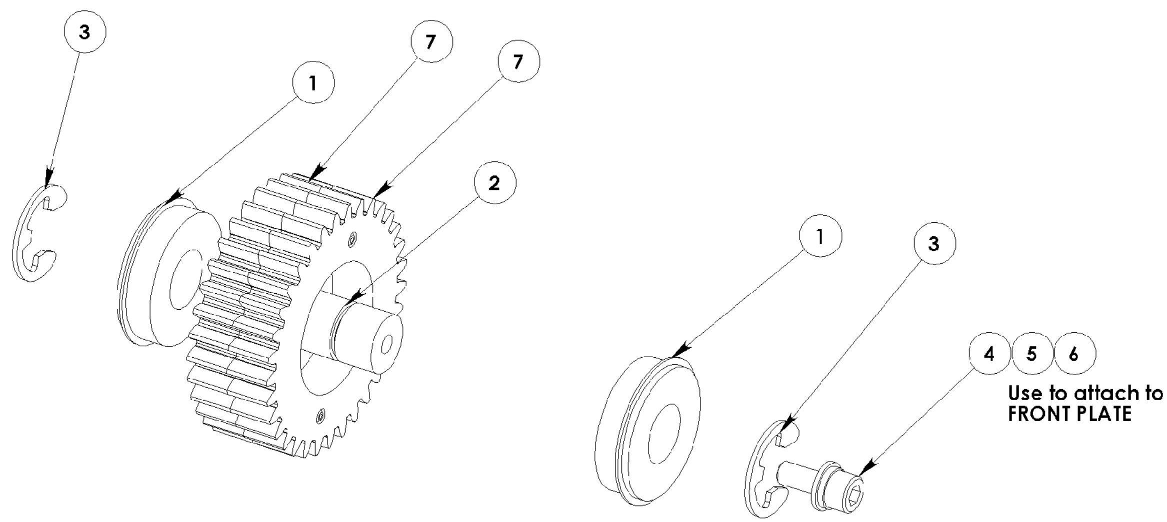
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	1771425	Radial Ball Bearing
2	1	7707824	BELT DRIVE SHAFT
3	1	7707828	HUB
4	2	1930522	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/2 SHAFT
5	1	7707800	DRIVEN GEAR
6	4	1980461	FHSC SS #10-32 X 1/2
7	1	1900091	CPSSS #8-32 X 3/16 AS
8	1	7707469	WOODRUFF KEY PLAIN STEEL USA #404

Assemble GEAR to HUB on SHAFT.
insert ASSEMBLY between SIDE PLATES.
Slide BEARINGS onto shafts and then install ERings.



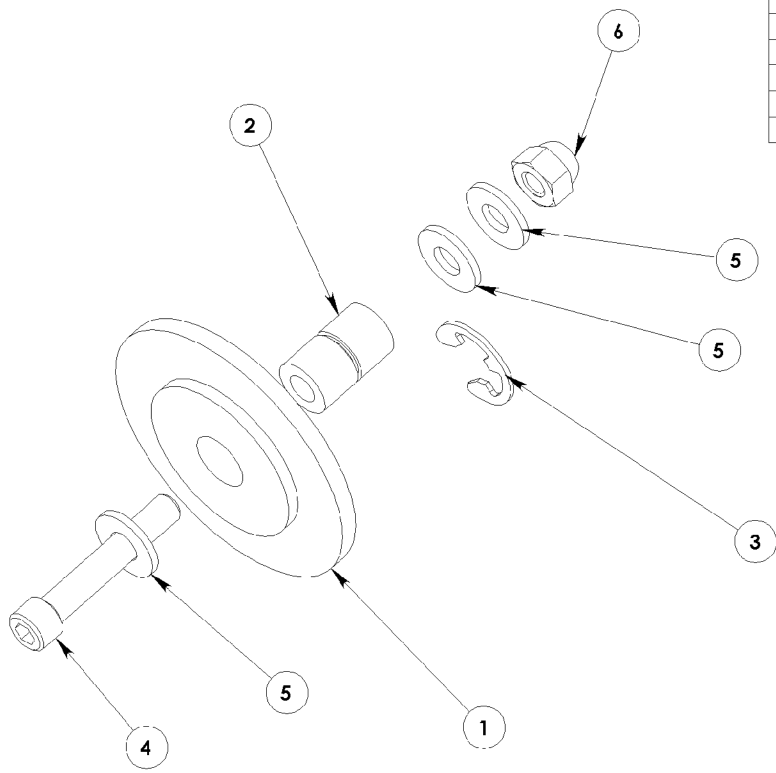
TITLE INVERTER BELT DRIVE SHAFT	SHT 1	OF 1
ITEM # ISS17000	REV	

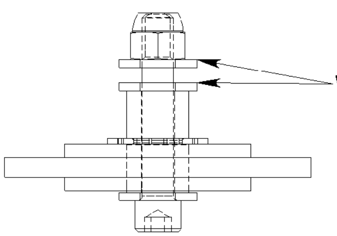
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	1771425	Radial Ball Bearing
2	1	7707832	STUB SHAFT
3	2	1930522	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/2 SHAFT
4	1	1980072	SHCS SS #10-32 X 1/2
5	1	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
6	1	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
7	2	7707831	TRANSFER GEAR
8	2	1931533	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 3/4



TITLE	SHT	OF
INVERTER TRANSFER GEAR	1	1
ITEM # ISS18000	REV 0	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707550	19T #35 ROLLER CHAIN IDLER SPROCKET
2	1	7707855	CHAIN IDLER SPACER
3	1	1930522	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATED 1/2 SHAFT
4	1	1980101	SHCS SS 1/4-20 X 1-1/2
5	3	1925069	1/4 FLAT WASHER
6	1	1960853	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS 1/4-20





TITLE INVERTER CHAIN IDLER

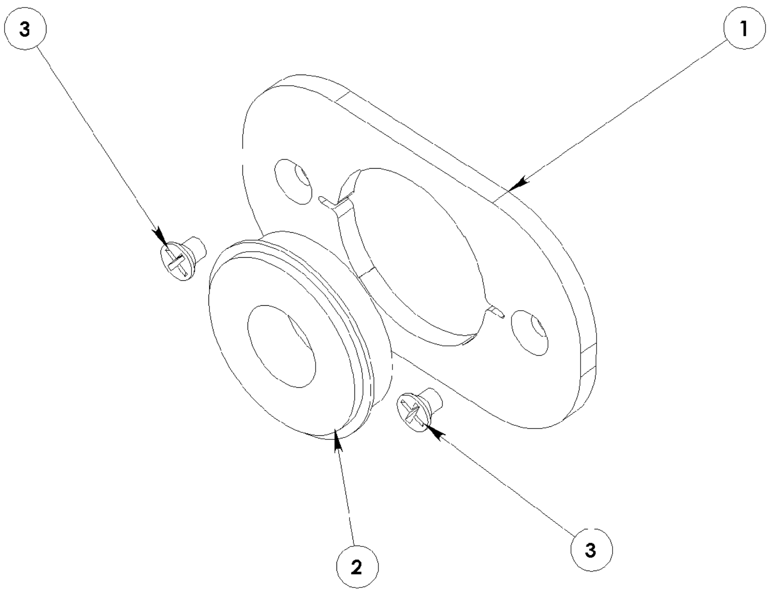
SHT 1 OF 1

ITEM # ISS19000

REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707871	BEARING PLATE
2	1	7707541	FLANGED RADIAL BALL BEARING 0.750 X 1.625 X .438 WIDE
3	2	7707607	FLAT HEAD PHILLIPS MACHINE SCREW, #10-32 X 1/4

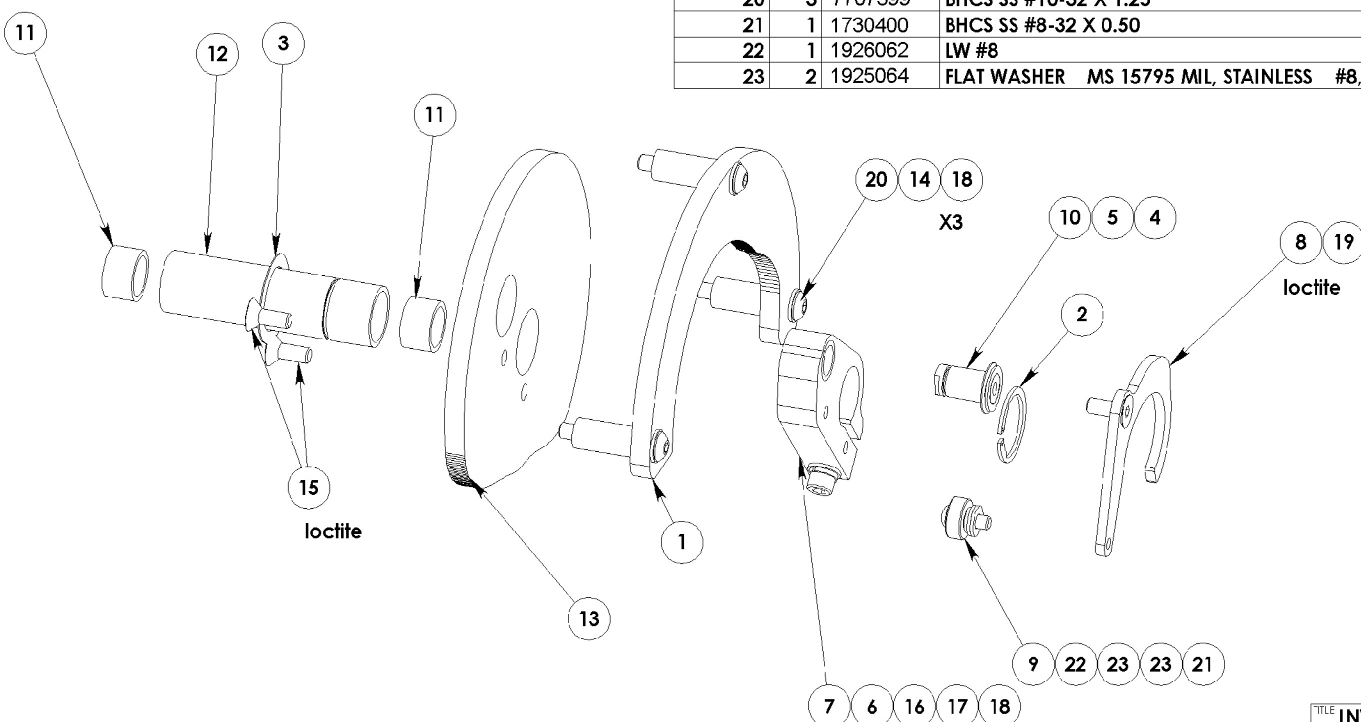
Push Bearing into plate by hand. Attach to FRONT PLATE w/ loctite.



TITLE INVERTER HOLLOW SHAFT MOUNT	SHT 1	OF 1
ITEM # ISS20000		REV 0

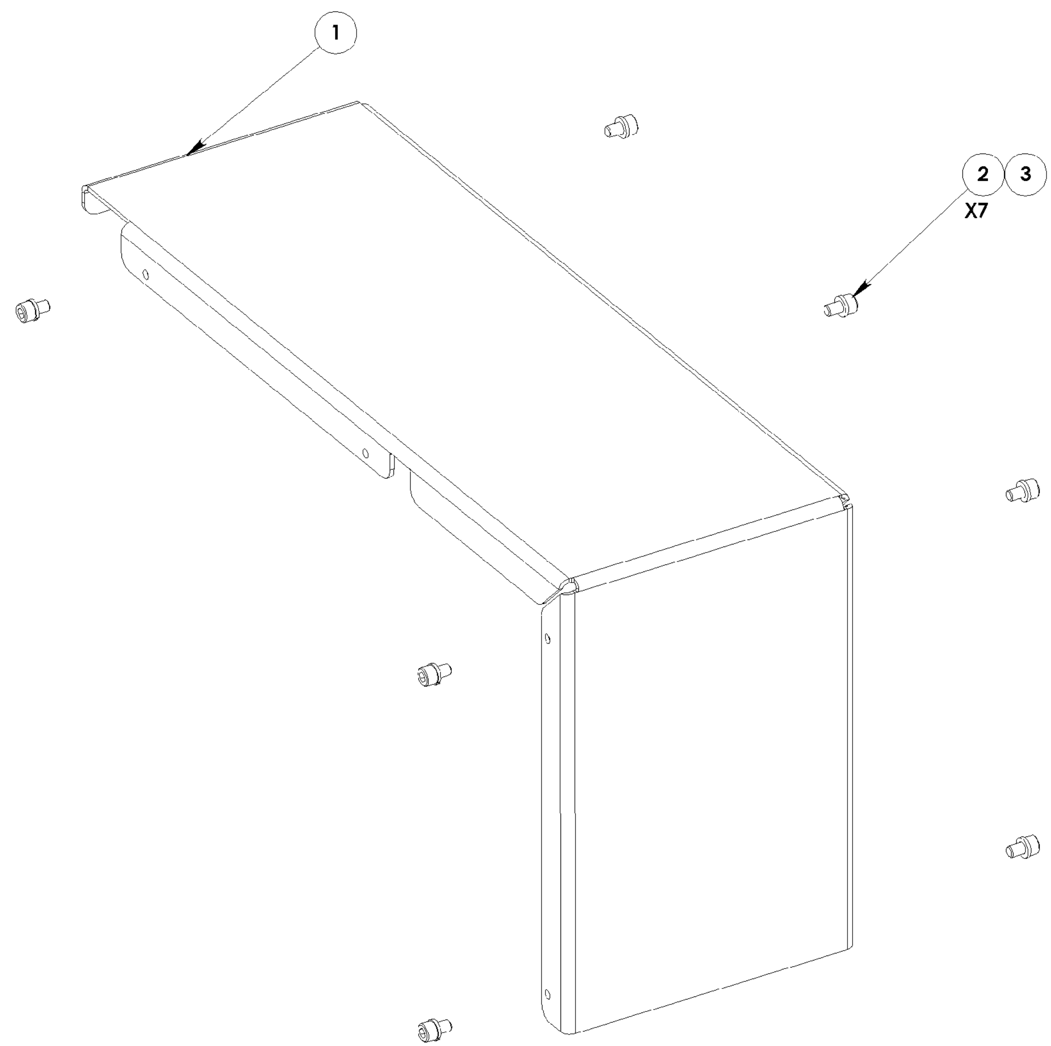
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707842	External Cam
2	1	7707436	External Retaining Ring 3/4 shaft inside lugs
3	1	7707596	CURVED DISK SPRING 301 SS
4	1	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK
5	1	7707594	Grade 1074 Hi-Carbon Steel Curved Disc Spring 5/8" Hole, 3/8" Rod, .400" ID, .612" OD, .0130" Thk
6	1	1730531	OIL IMP BRG SIN BRONZE 3/8ID X 1/2OD X 1/2L PLAIN
7	1	7707841	CAM CLAMP
8	1	7707794	INNER CAM
9	1	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE
10	1	7707814	LATCH SHAFT
11	2	1771427	SINTERED BRONZE BEARING 1/2 ID X 5/8 OD X 3/8 L
12	1	7707792	HOLLOW SHAFT
13	1	7707844	Detect Lift Cam
14	3	1924820	ROUND SPACER, ZINC PLATED STEEL, 1/2 OD X #10ID X 3/4L
15	2	1980461	FHSC SS #10-32 X 1/2
16	1	1980076	SHCS SS #10-32 X 7/8
17	1	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
18	4	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
19	1	7707601	FHSCS, ALLOY STEEL, BLACK FINISH, #10-32 x 1/2
20	3	7707599	BHCS SS #10-32 X 1.25
21	1	1730400	BHCS SS #8-32 X 0.50
22	1	1926062	LW #8
23	2	1925064	FLAT WASHER MS 15795 MIL, STAINLESS #8, 0.188ID X 0.375OD X0.065THK

Press BEARINGS into TUBE, ream to 0.5010



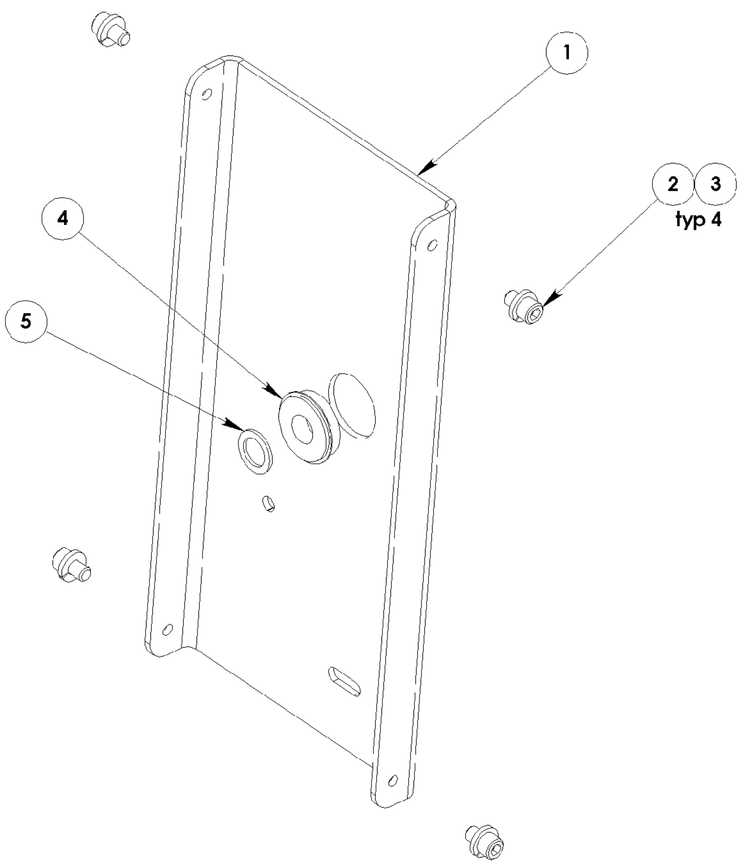
TITLE INVERTER EXTERNAL CAM	SHT 1 OF 1
ITEM # ISS21000	REV

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707853	MAIN COVER
2	7	1980072	SHCS SS #10-32 X 5/16
3	7	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10



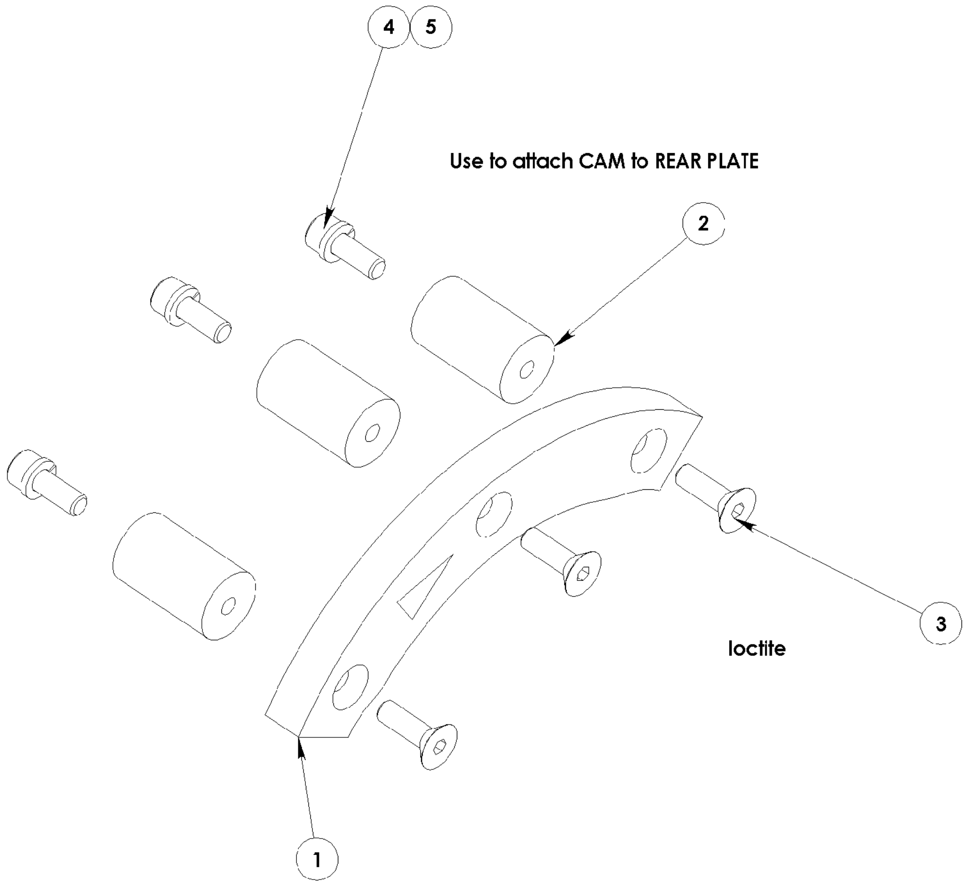
TITLE INVERTER MAIN COVER		SHT 1	OF 1
	ITEM # ISS23000		REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707825	BRACKET
2	4	1980093	SHCS SS 1/4-20 X 3/8
3	4	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
4	1	1771425	Radial Ball Bearing
5	1	1925230	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/2, 0.505 X 0.750 X 0.062 THK



TITLE INVERTER SIDE PLATE		SHT 1	OF 1
	ITEM # ISS24000		REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707813	EXTERNAL CAM
2	3	1730477	ROUND STANDOFF #10 X 5/8OD X 1.0L
3	3	1980483	FHSC SS #10-32 X 5/8
4	3	1980072	SHCS SS #10-32 X 1/2
5	3	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10

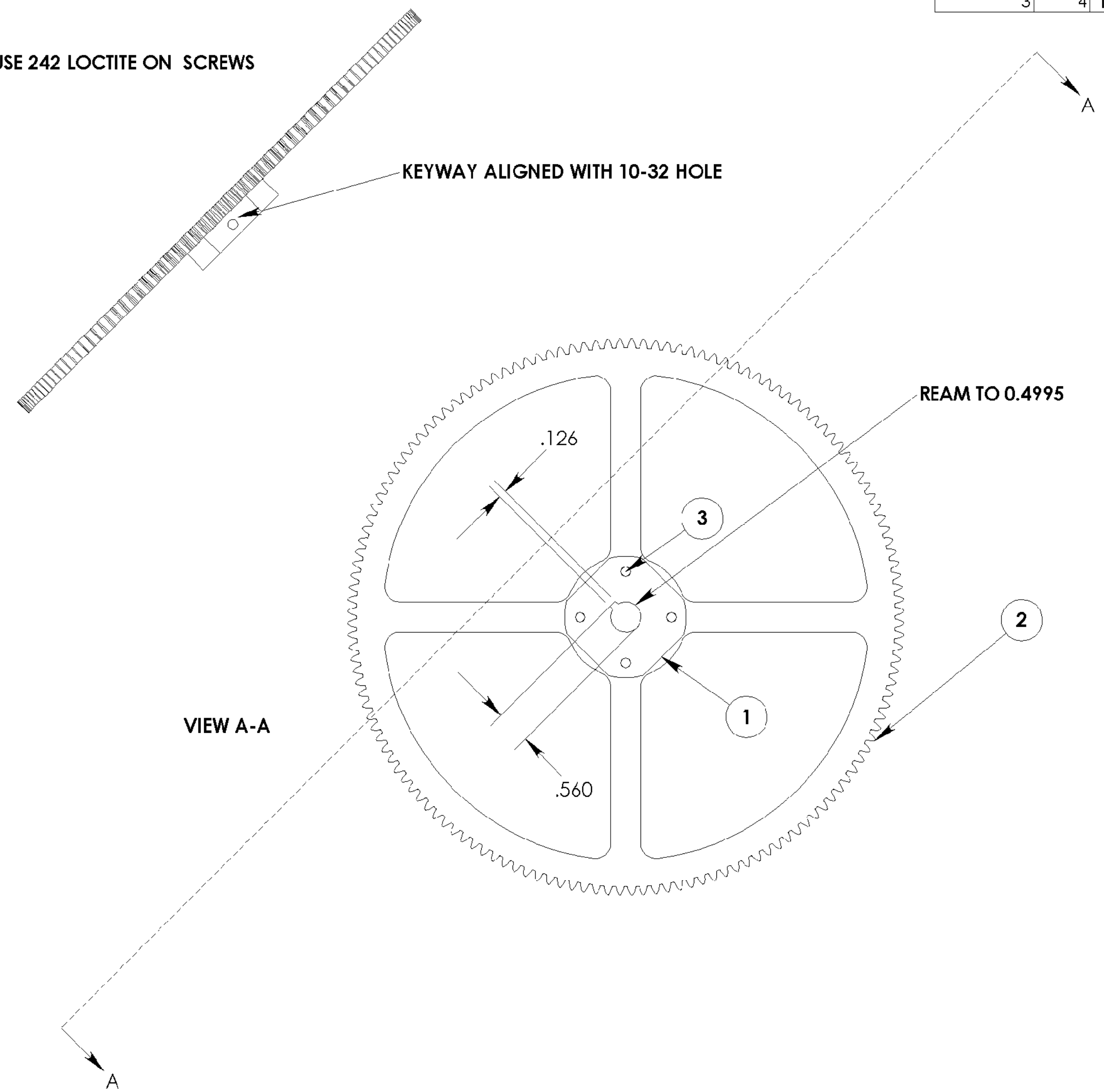


TITLE INBERTER GENEVA LATCH CAM	SHT 1	OF 1
ITEM # ISS25000		REV 0

Find #	Qty	Item #	Description
1	1	1722951	HUB
2	1	1722952	DRIVE GEAR
3	4	1980461	FHSC SS #10-32 X 1/2

USE 242 LOCTITE ON SCREWS

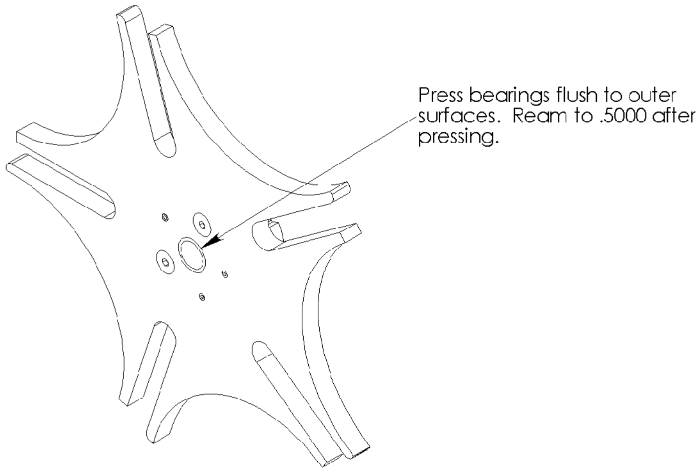
ASSEMBLE BEFORE MACHINING

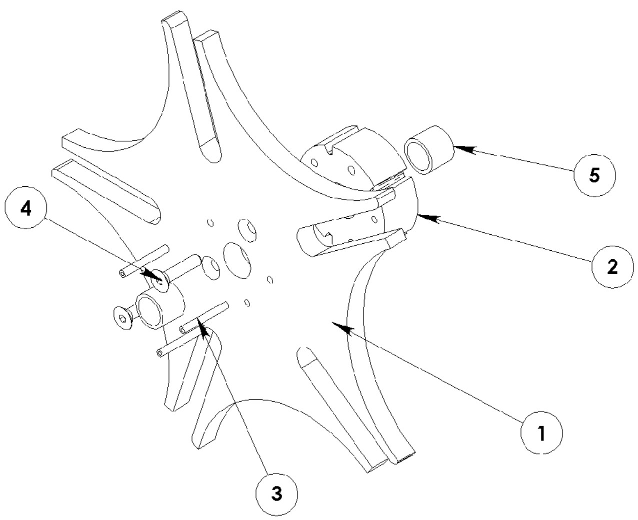


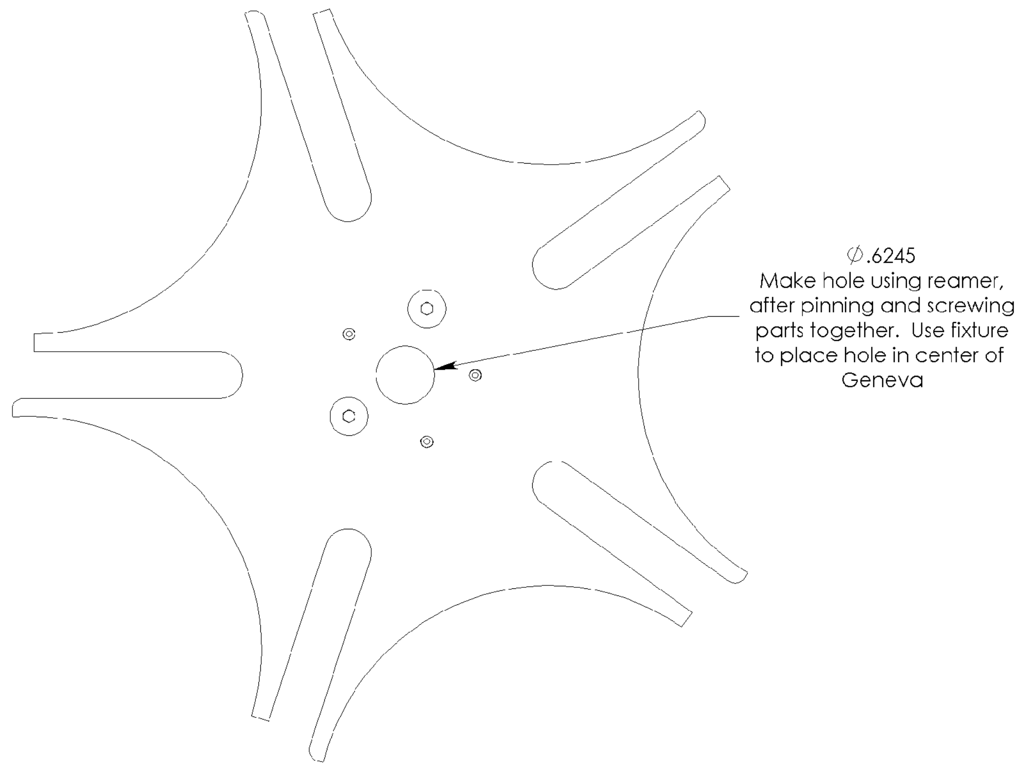
TITLE INVERTER DRIVE GEAR ASSEMBLY		SHT 1	OF 1
	ITEM # ISS26000		REV 0

&[file]

ITEM NO.	PART NUMBER	DESCRIPTION	EXPLODED/QTY.
1	1722953	GENEVA STAR WHEEL	1
2	1722954	COUPLING HUB	1
3	1931522	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1	3
4	1980486	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1	2
5	1722955	SINTERED BRONZE BEARING 1/2 ID X 5/8 OD X 1/2 L	2

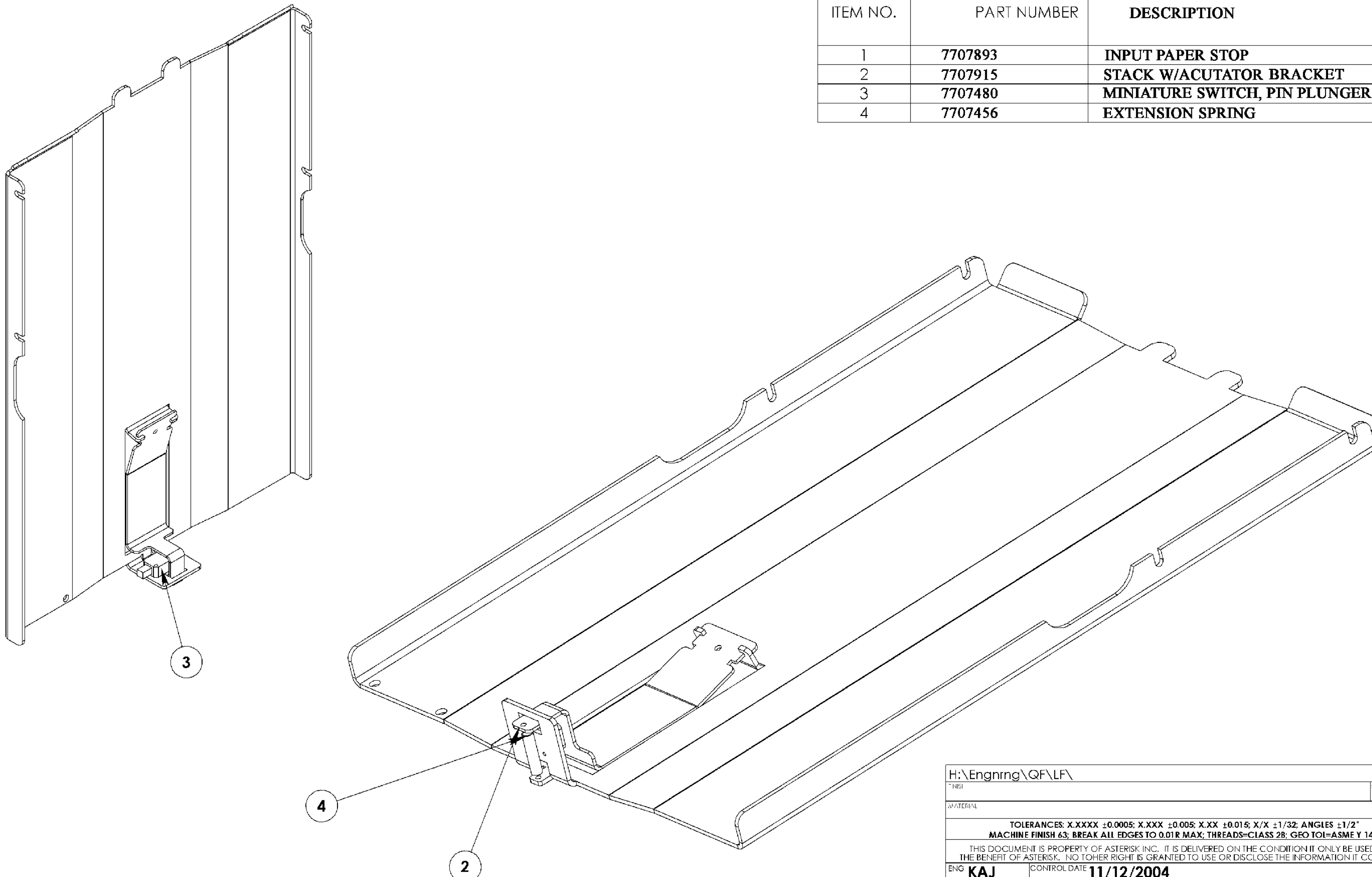






TITLE INVERTER GENEVA & HUB	SHT 1	OF 1
ITEM # ISS27000		REV 0

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	7707893	INPUT PAPER STOP	1
2	7707915	STACK W/ACUTATOR BRACKET	1
3	7707480	MINIATURE SWITCH, PIN PLUNGER	1
4	7707456	EXTENSION SPRING	1



H:\Engnrng\QF\LF\

FINISH

SCALE 1:4

MATERIAL

TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5

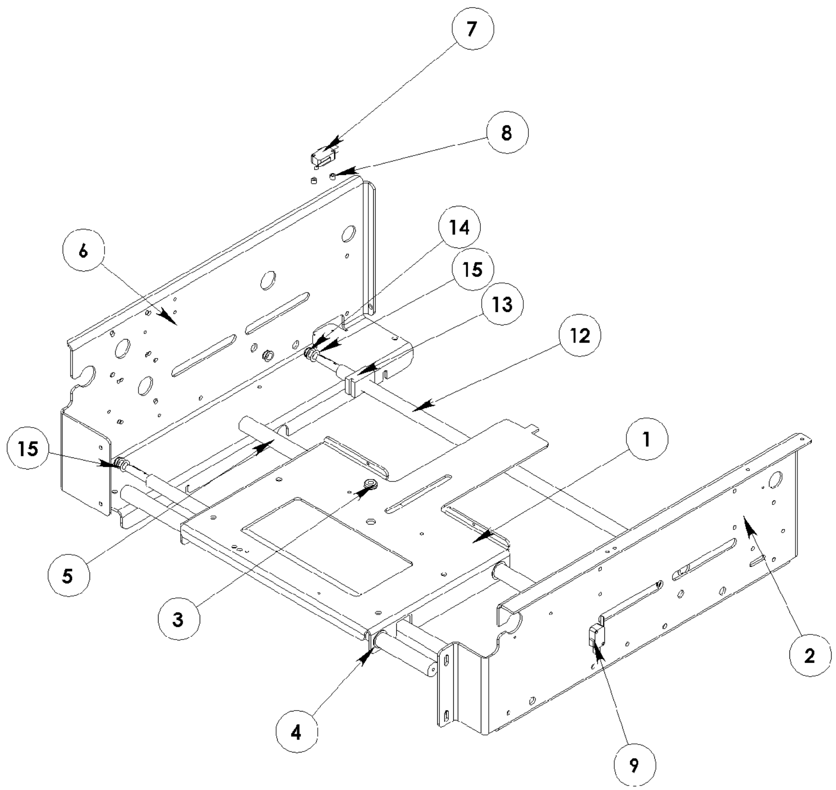
ENG KAJ | CONTROL DATE 11/12/2004

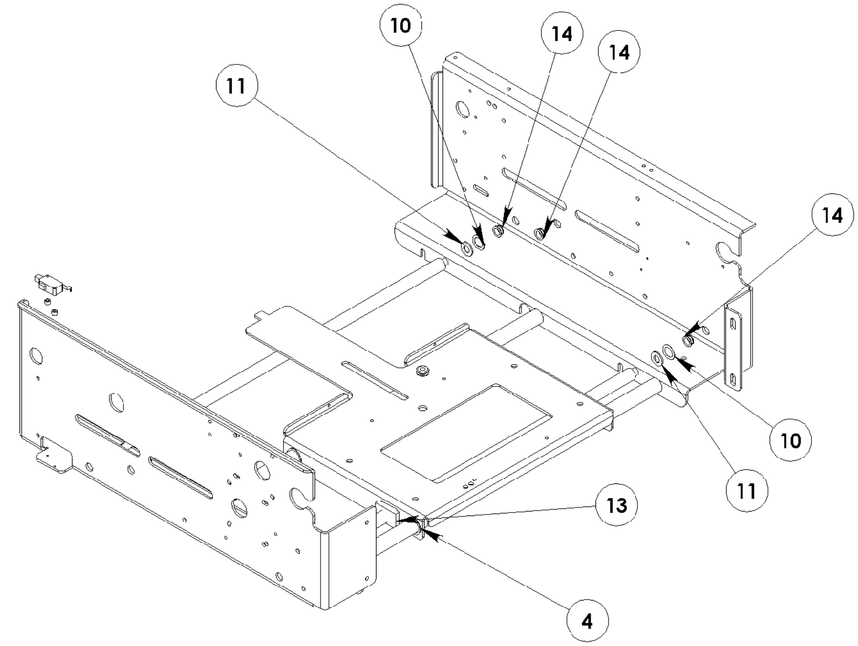
TITLE **INPUT STOP & PAPER PRES SWITCH** | SHT 1 | OF 1

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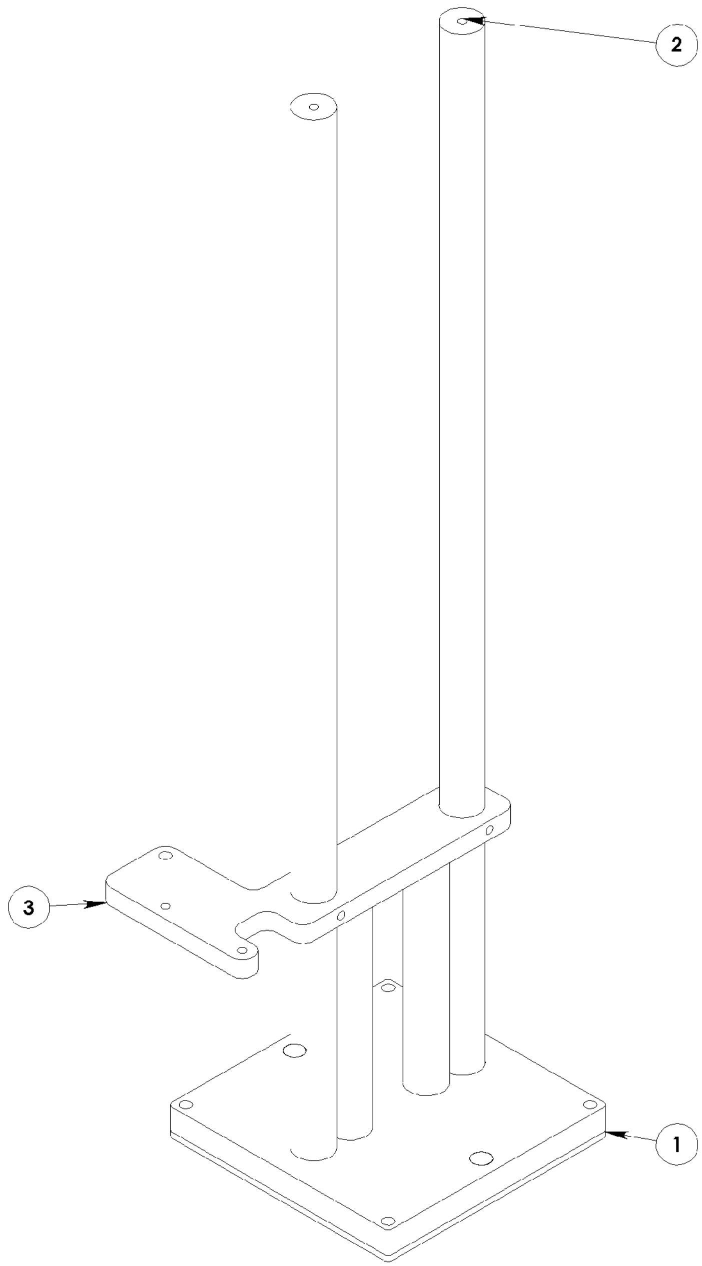
ITEM # **LFA001000** | REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7708041	FEEDER MOUNT DECK
2	1	7708040	RIGHT SIDE FRAME
3	1	7707670	Mlitary Spec Rubber Grommet MS 35489 No. 35 An931, No. A4-7
4	4	7707486	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
5	2	7708042	FIXED CROSS ROD
6	1	7708039	LEFT SIDE FRAME
7	1	7707477	PSEUDO ROLLER SWITCH
8	2	7707639	Round Spacer, Aluminum, 1/4 OD X #4ID X 3/16L
9	1	1771456	SHORT STRAIGHT BAT MECHANICAL SWITCH
10	2	7707595	301 Stainless Steel Curved Disc Spring 13/16" Hole, 1/2" Rod, .531" ID, .795" OD, .0170" Thk
11	2	1925223	NYLON FLAT WASHER, REGULAR NATURAL COLOR 3/8, 0.390ID X 0.75OD X 0.062THK
12	2	7708004	ADJUST THREADED ROD
13	2	7708019	ACME NUT BLOCK
14	6	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
15	2	1722956	18-8 Stainless Steel Shim .010" Thick, 3/8" ID, 5/8" OD



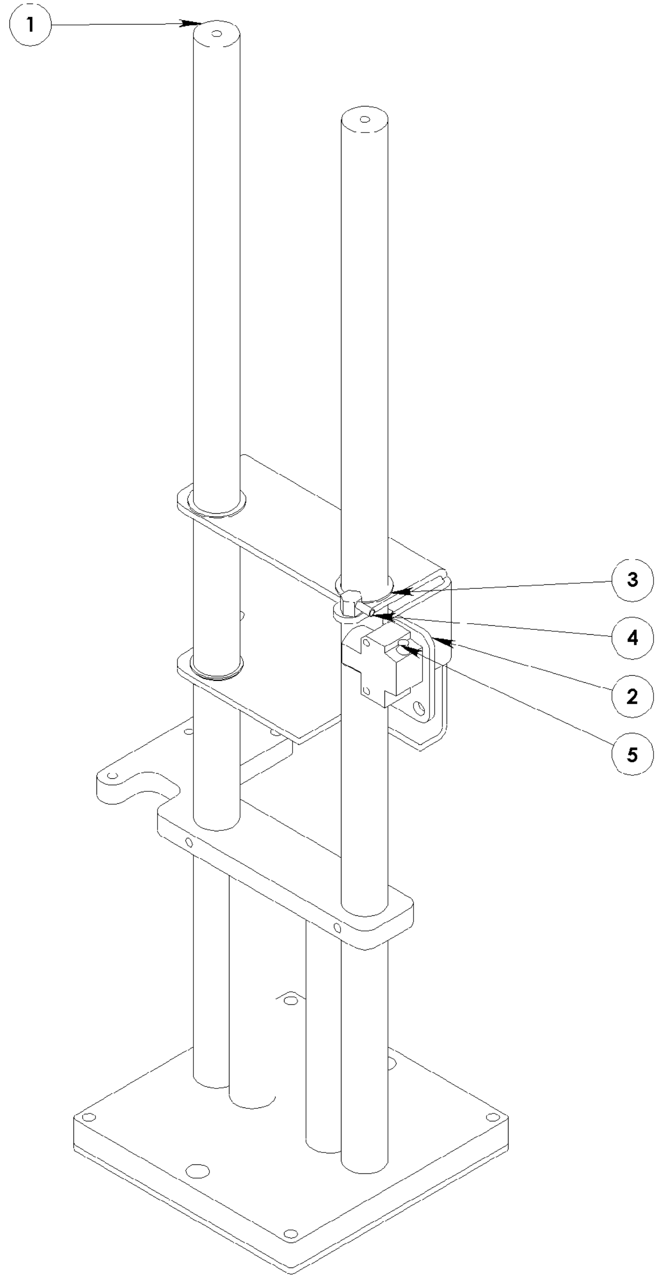


TITLE LIFT/REG FRAMES (AS#2)	SHT 1	OF 1
	ITEM # LFS02000	REV 0



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	1722957	ASSEBMLY TOOL (FACTORY USE ONLY)
2	2	7708042	FIXED CROSS ROD
3	1	7708071	STRUT

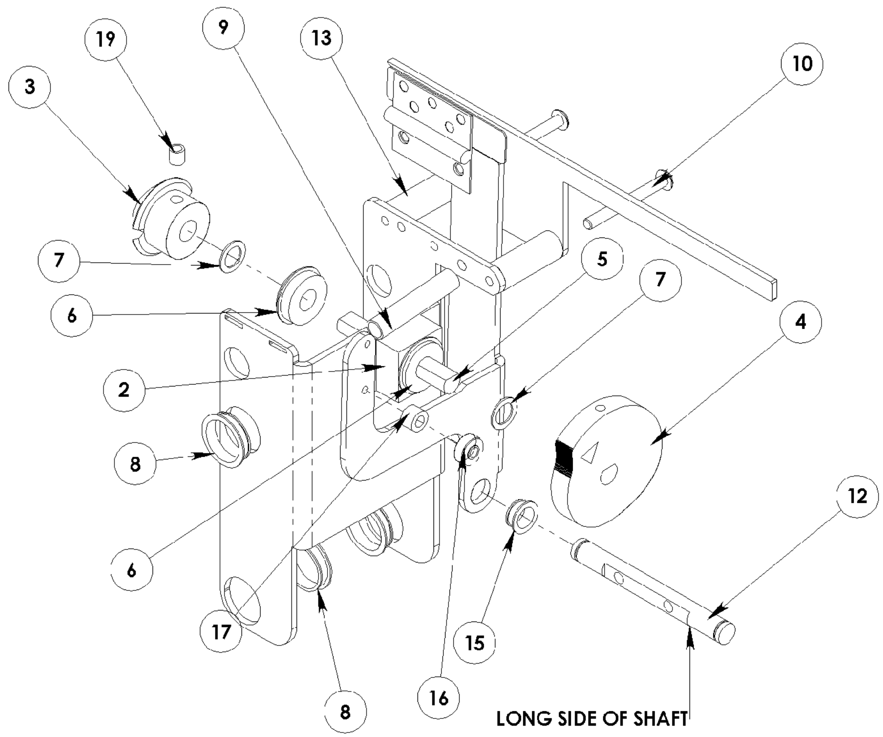
TITLE LIFT/REG SHAFTS (AS #3)	SHT 1	OF 1
ITEM # LFS03000	REV	

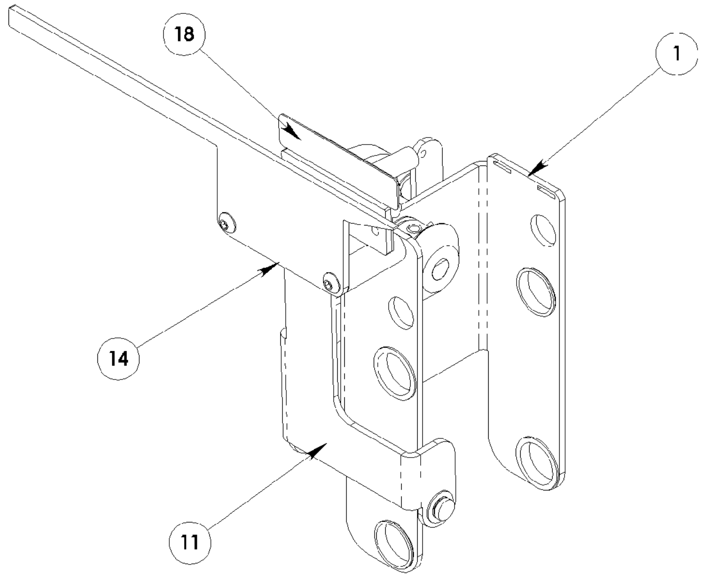


W	QTY.	PART NO.	DESCRIPTION
1	1		ASSEMBLY TOOL (FACTORY USE ONLY)
2	1	7708068	SUPPORT BRACKET
3	3	7707486	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
4	1	0482004200	MALE ELBOW BARB FITTING BRASS 1/8IDT X #10-32
5	1	7707521	Photoelectric sensor, Polarized Retroreflective, NPN, Dark

TITLE LIFT/REG SENSOR BRACKET (AS#4)	SHT 1	OF 1
ITEM # LFS04000		REV

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7708043	LEFT JUSTIFY BRACKET
2	1	7708027	BEARING BLOCK
3	1	7708062	BEVEL GEAR W/ SS AND BORE
4	1	7708008	SIDE JOG CAM
5	1	7708010	GEAR CAM SHAFT
6	2	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING
7	2	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK
8	4	7707486	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
9	1	7707452	EXT spring 0.034 X 0.360 X 1.75 MUSIC
10	2	7707600	BHCS SS #10-32 X 3/4
11	1	7708048	LEFT JUSTIFY BRACKET
12	1	7708049	PIVOT SHAFT
13	2	7708026	SHORT SPACER
14	1	7708025	DECK BAR
15	2	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
16	1	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE
17	1	7707641	Aluminum Unthreaded Round Spacer 3/8" OD, 1/4" Length, #10 Screw Size
18	1	7708088	HINGED JOGGER WELDMENT
19	1	7707631	18-8 SS Screw-Lock Helical Insert 10-32 Internal Thread, .285" Length



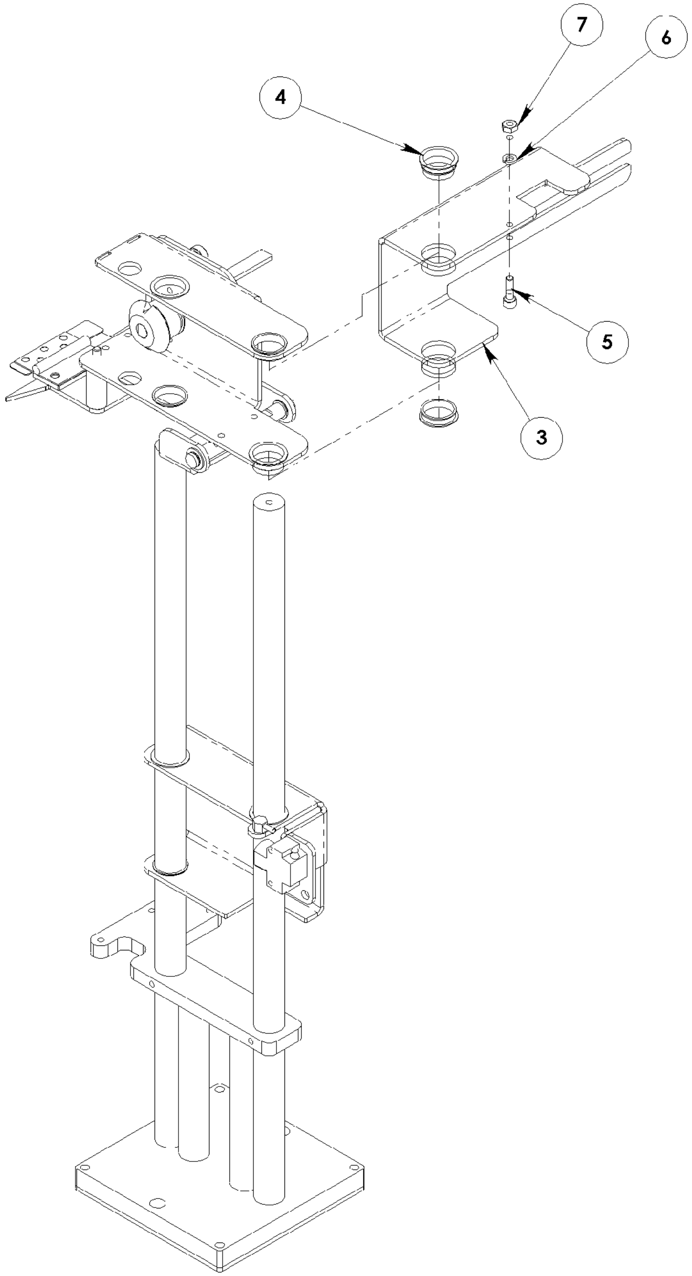


TITLE LIFT/REG LEFT JUSTIFY (AS#5)

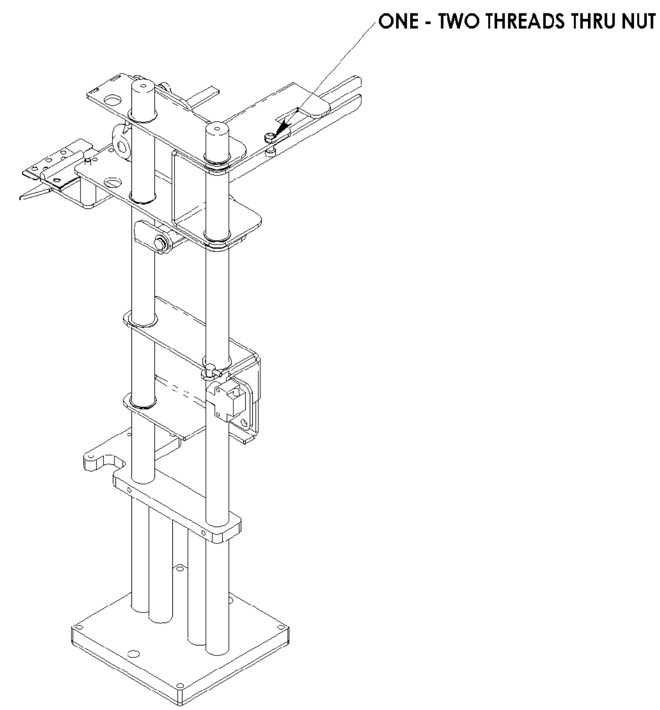
SHT 1 OF 1

ITEM # LFS05000

REV 0

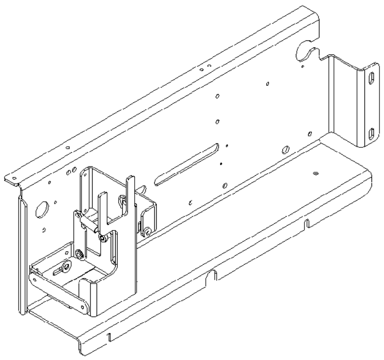


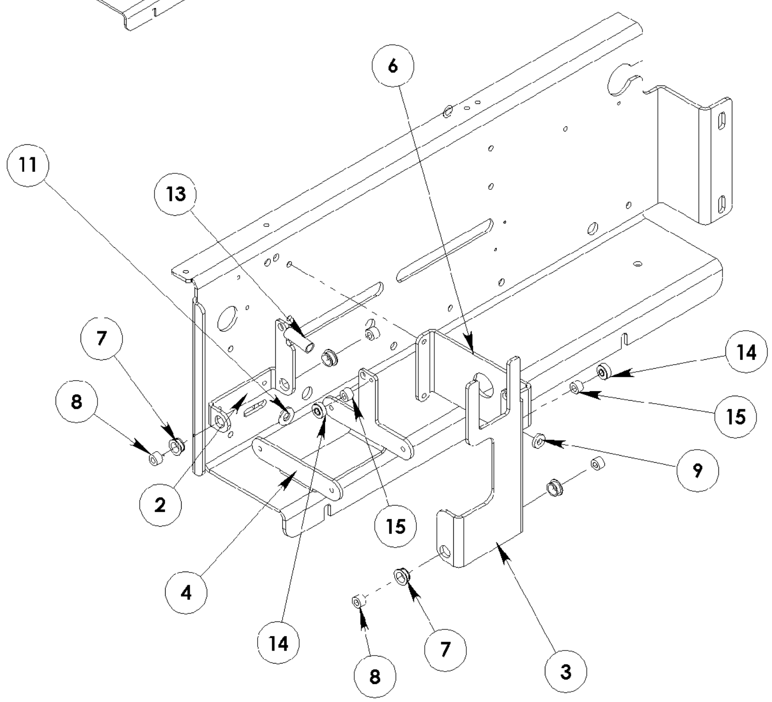
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	LF-PRSTEP4	SEE LFS04000
2	1	LF-PRSTEP5	SEE LFS05000
3	1	7708044	ADJUSTMENT TRANSFER BRACKET
4	2	7707486	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
5	1	1722958	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 5/8
6	1	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
7	1	1980702	HEX NUT 18-8 STAINLESS #10-32

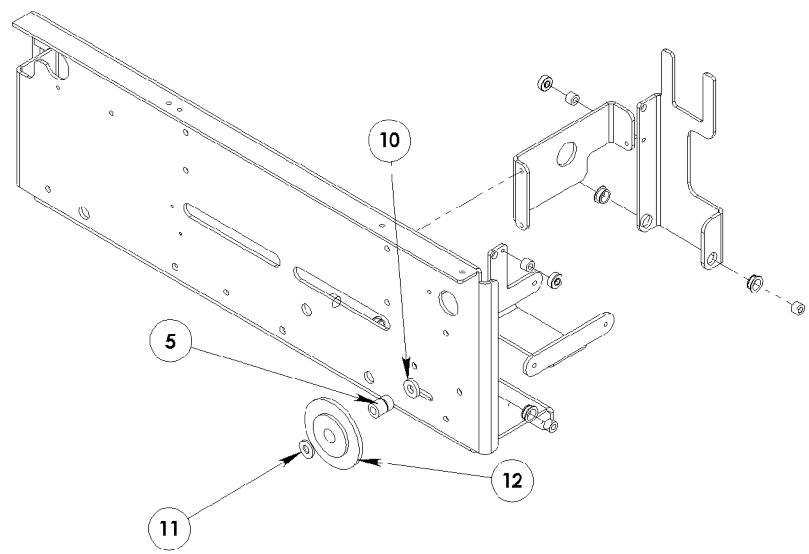


TITLE LIFT/REG ADJUSTMENT TRANSFER BRACKET (AS#6)	SHT 1	OF 1	
ITEM # LFS06000	REV 0		

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	LF-PRSTEP2	SEE LFS02000
2	1	7708047	EXIT MOUNT BRACKET
3	1	7708045	RIGHT JUSTIFY BRACKET
4	1	7708046	EXIT PIVOT BRACKET
5	1	7708065	DRIVE IDLER SHAFT
6	1	7708064	SHAFT BRACKET
7	4	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
8	4	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4LOD, 1/4" Length, #10 Screw Size
9	1	1925080	FFW CHS 1/4
10	1	1925081	FFW CHS 1/4
11	2	1925069	1/4 FLAT WASHER
12	1	7707550	19T #35 ROLLER CHAIN IDLER SPROCKET
13	1	7707503	EXT spring 0.041 X 0.36 X 1.00 MUSIC
14	2	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE
15	2	7707641	Aluminum Unthreaded Round Spacer 3/8" OD, 1/4" Length, #10 Screw Size

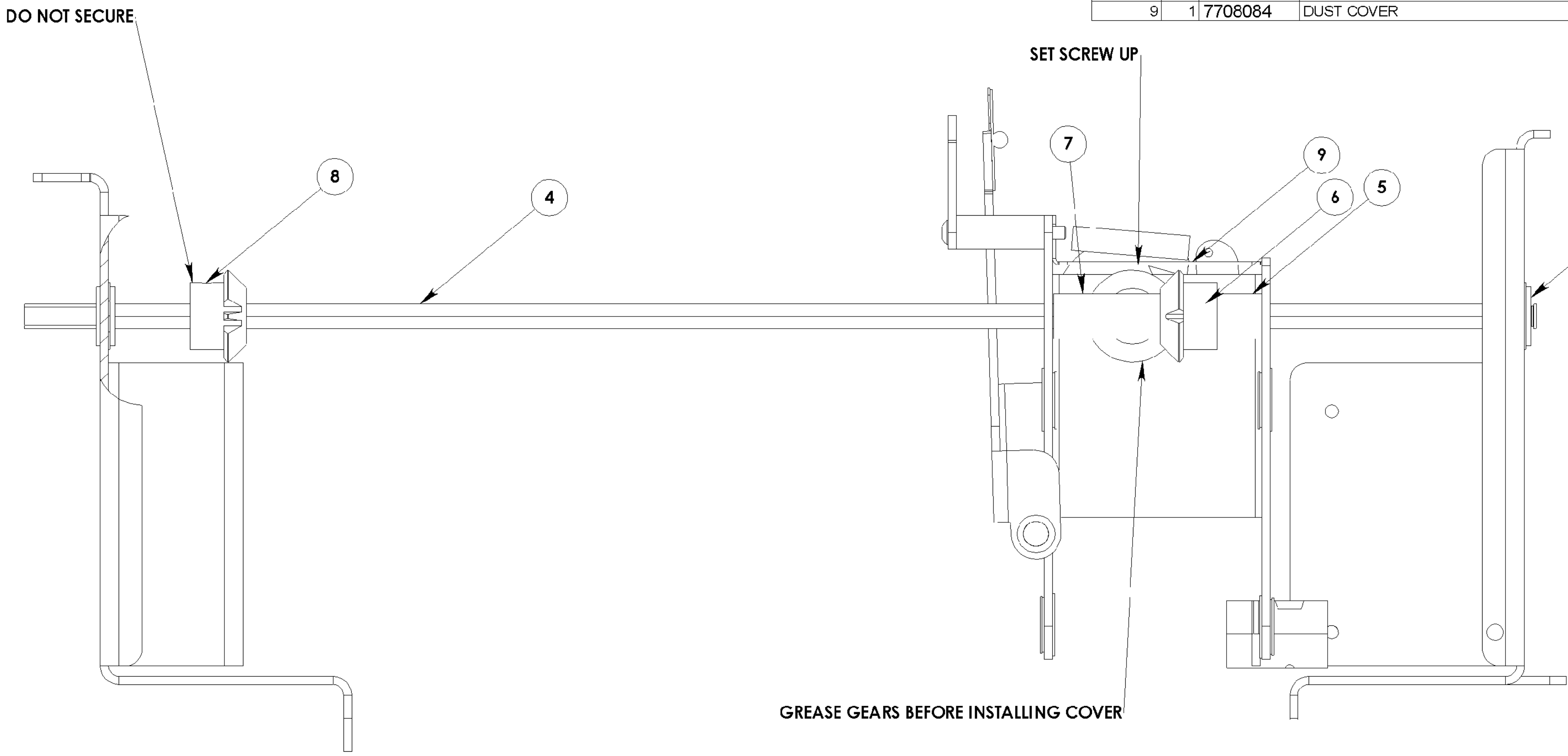






TITLE LIFT/REG RIGHT JUSTIFY (AS#8)	SHT 1	OF 1	
ITEM # LFS08000		REV 0	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	LF-PRSTEP2	SEE LFS02000
2	1	LF-PRSTEP5	SEE LFS05000
3	2	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING
4	1	7708005	FIXED HEX SHAFT
5	1	7708028	GEAR SPACER E
6	1	7708061	HEX BEVEL GEAR
7	1	7708029	GEAR SPACER F
8	1	7708060	HEX BEVEL GEAR W/ SS
9	1	7708084	DUST COVER



TITLE LIFT/REG FIXED HEX SHAFT (AS#9)

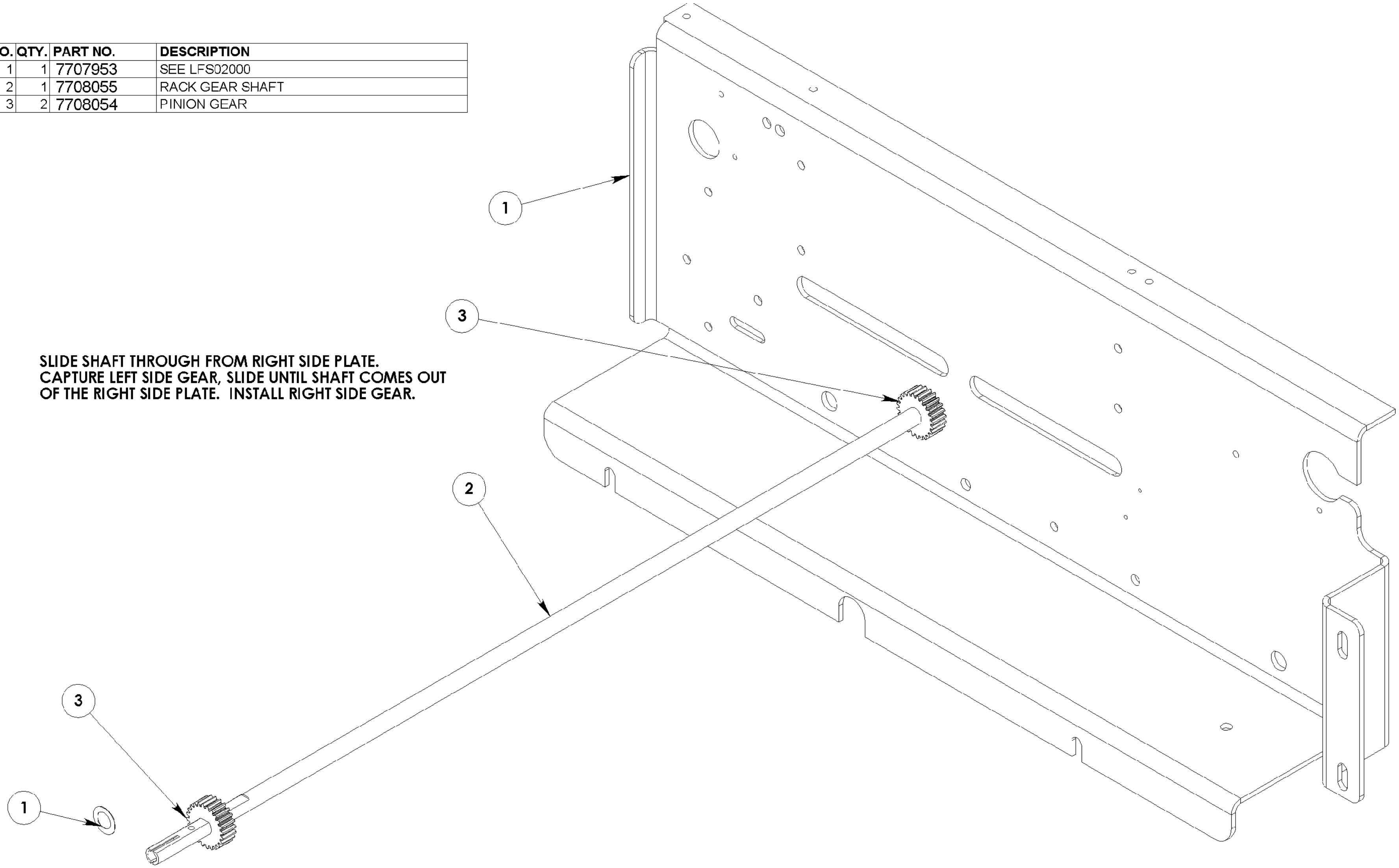
SHT 1 OF 1

ITEM # LFS09000

REV 0

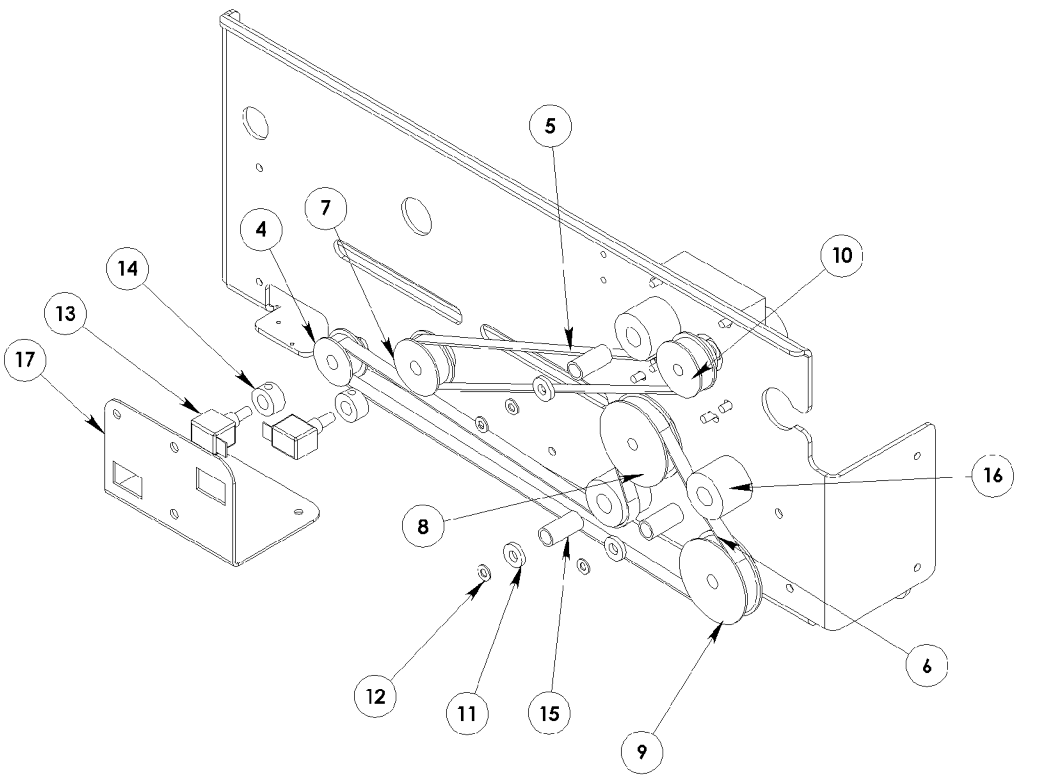
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707953	SEE LFS02000
2	1	7708055	RACK GEAR SHAFT
3	2	7708054	PINION GEAR

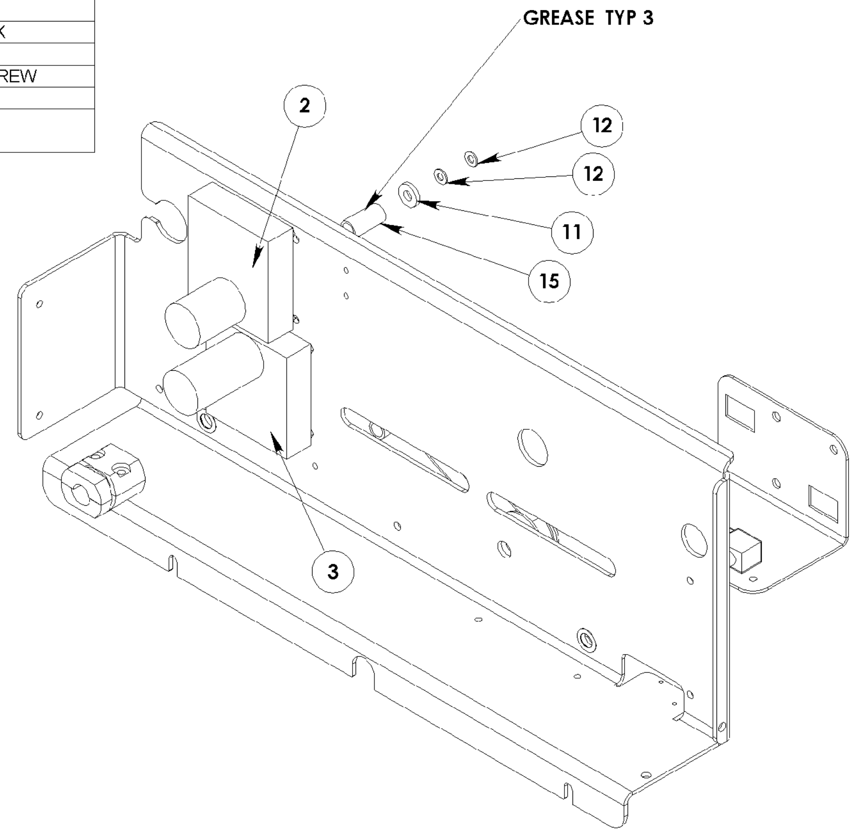
SLIDE SHAFT THROUGH FROM RIGHT SIDE PLATE.
CAPTURE LEFT SIDE GEAR, SLIDE UNTIL SHAFT COMES OUT
OF THE RIGHT SIDE PLATE. INSTALL RIGHT SIDE GEAR.



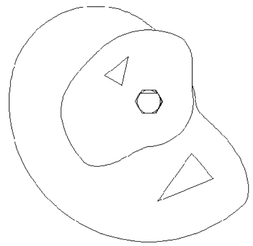
TITLE LIFT/REG RACK GEAR (AS#10)	SHT 1	OF 1
ITEM # LFS10000	REV 0	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707953	SEE LFS02000
2	1	7707529	24 VOLT DC GEARMOTOR 4 RPM 50 IN-LB
3	1	1722932	24 VOLT DC GEARMOTOR 25 RPM 50 IN-LB
4	1	7708063	PINNED 16XL TIMING PULLEY
5	1	7707489	240XL037 TIMING BELT NEOPRENE 3/8 WIDE 1/5 PITCH
6	1	7707490	360XL037 NEOPRENE TIMING BELT 1/5 PITCH
7	1	7708053	PINNED TIMING PULLEY
8	1	7707688	TIMING PULLEY CLR ANOD ALUM 32XL037, 5/16B
9	1	7707689	TIMING PULLEY 32XL W/SS
10	1	1771376	TIMING PULLEY CLR ANOD ALUM 20XL037, 5/16B
11	3	1925081	FFW CHS 1/4
12	4	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
13	2	7707482	Optical Rotary Encoder
14	2	7707636	3/8ID X 3/4OD X 3/8W SHAFT COLLAR ZINC PLATED STEEL WITH 1/4-20 SET SCREW
15	3	7708031	DRIVE IDLER SHAFT
16	3	7708052	IDLER
17	1	7708036	ENCODER MOUNT BRACKET

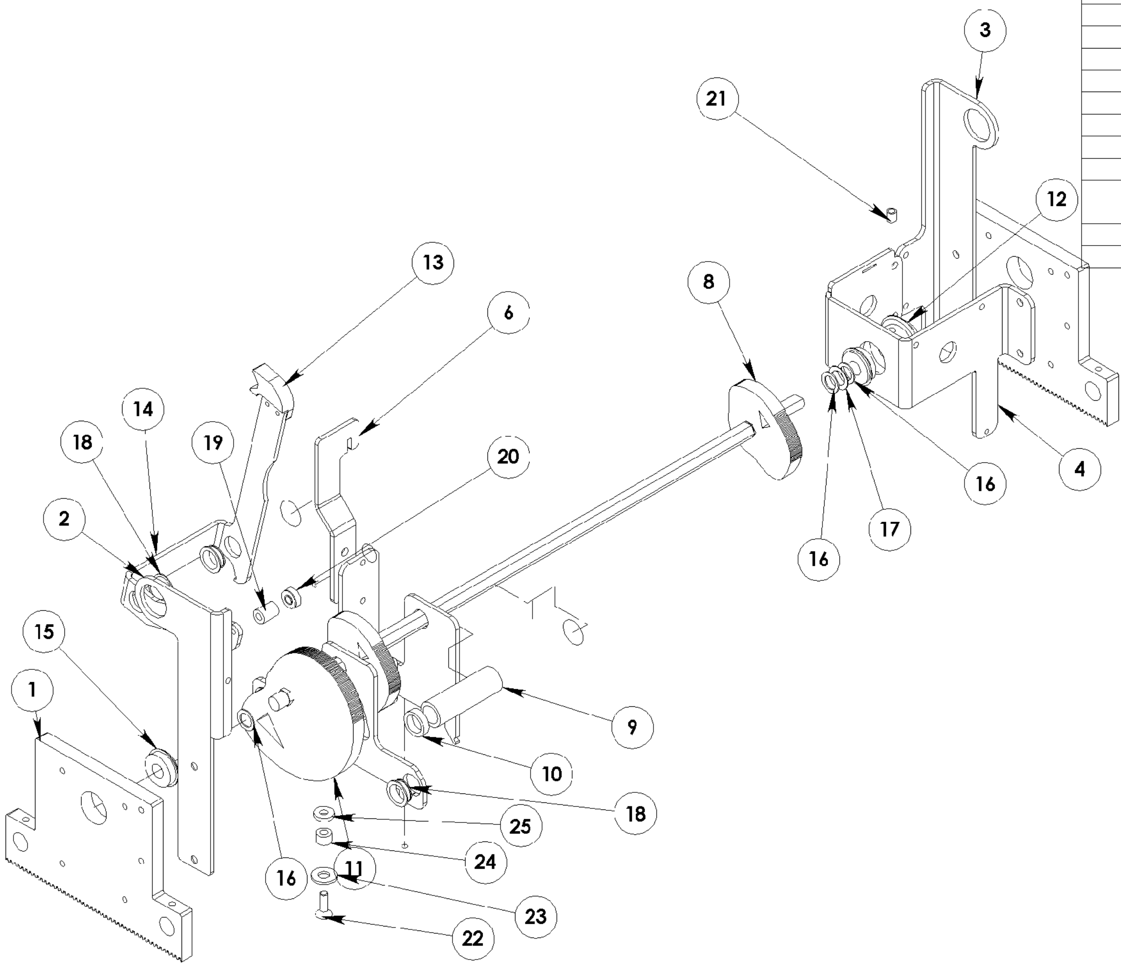


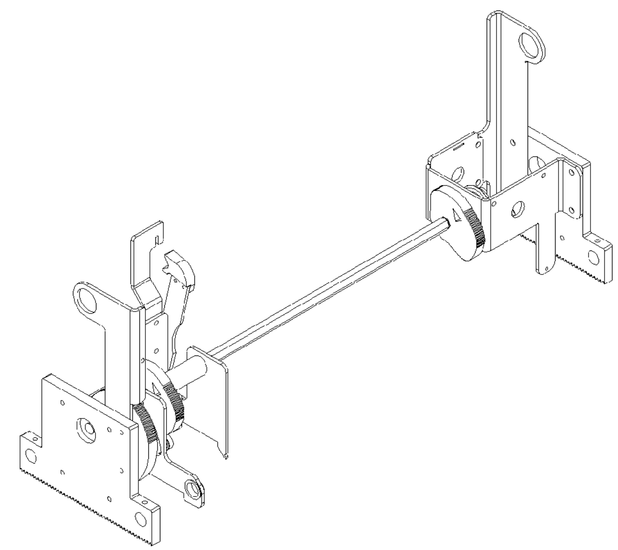


TITLE LIFT/REG ADJUST DRIVE (AS#11)	SHT 1	OF 1
ITEM # LFS11000		REV 0



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	7708056	RACK
2	1	7708038	TOWER LH
3	1	7708035	TOWER RH
4	1	7708057	RIGHT ANGLE BRACKET
5	1	7708018	LEFT REAR MOUNT BRACKET
6	1	7708037	KICKER LOCATOR BRACKET
7	1	7708059	ADJUSTED HEX SHAFT
8	2	7708016	REAR JOG CAM
9	1	7708030	LEFT REAR CAM SPACER
10	1	7708011	CAM SPACER
11	1	7708079	ASS KICKER CAM
12	1	7708062	BEVEL GEAR W/ SS AND BORE
13	1	7708032	LEFT REAR JOG BLOCK
14	1	7708017	REAR LEFT JUSTIFY BRACKET
15	2	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING
16	3	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK
17	1	7707594	Grade 1074 Hi-Carbon Steel Curved Disc Spring 5/8" Hole, 3/8" Rod, .400" ID, .612" OD, .0130" Thk
18	5	1730540	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L
19	1	7707645	ROUND SPACER ALUMINUM 3/8 OD X #10 X 1/2 L
20	1	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE
21	1	7707631	18-8 SS Screw-Lock Helical Insert 10-32 Internal Thread, .285" Length
22	1	1980483	FHSC SS #10-32 X 5/8
23	1	1925069	1/4 FLAT WASHER
24	1	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4LOD, 1/4" Length, #10 Screw Size
25	1	1925080	FFW CHS 1/4



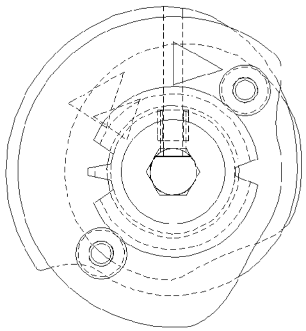


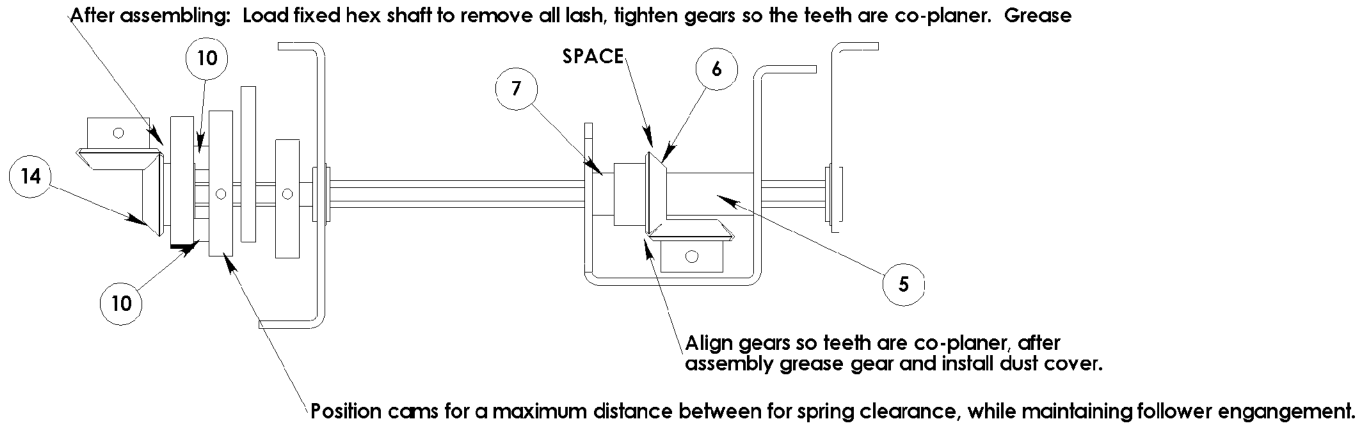
TITLE LIFT/REG LEFT REAR JUSTIFY (AS#12)

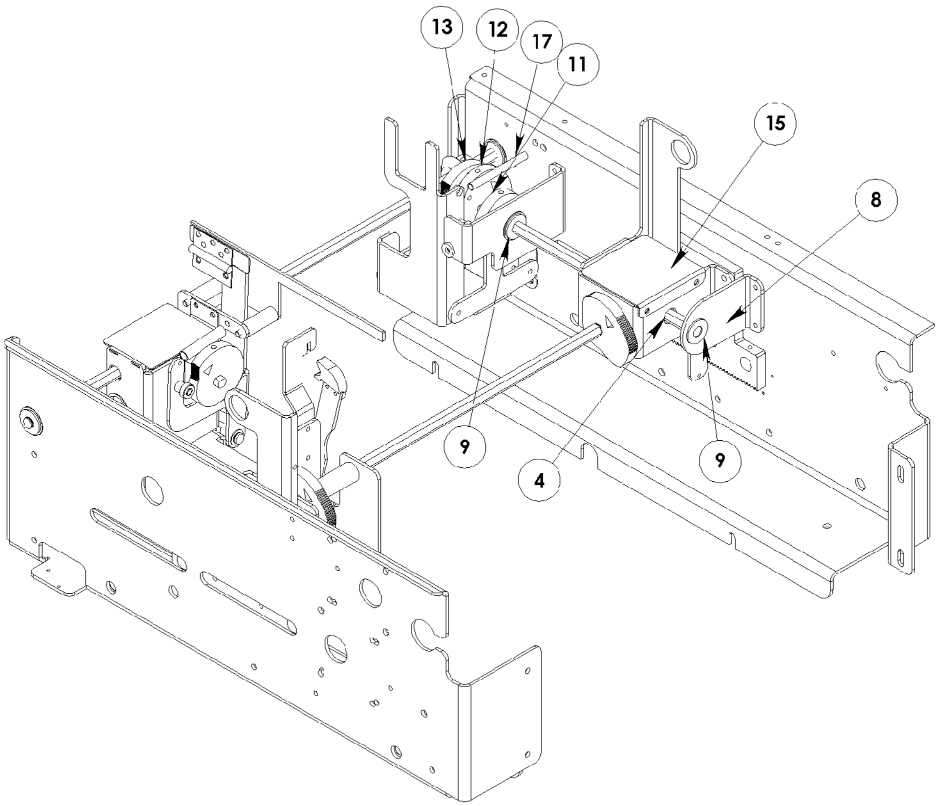
SHT 1 OF 1

ITEM # LFS12000

REV 0

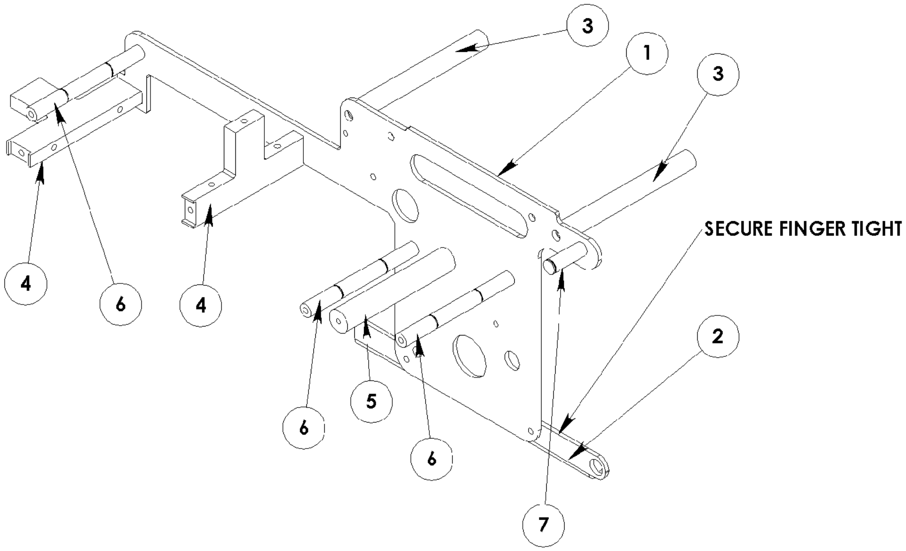




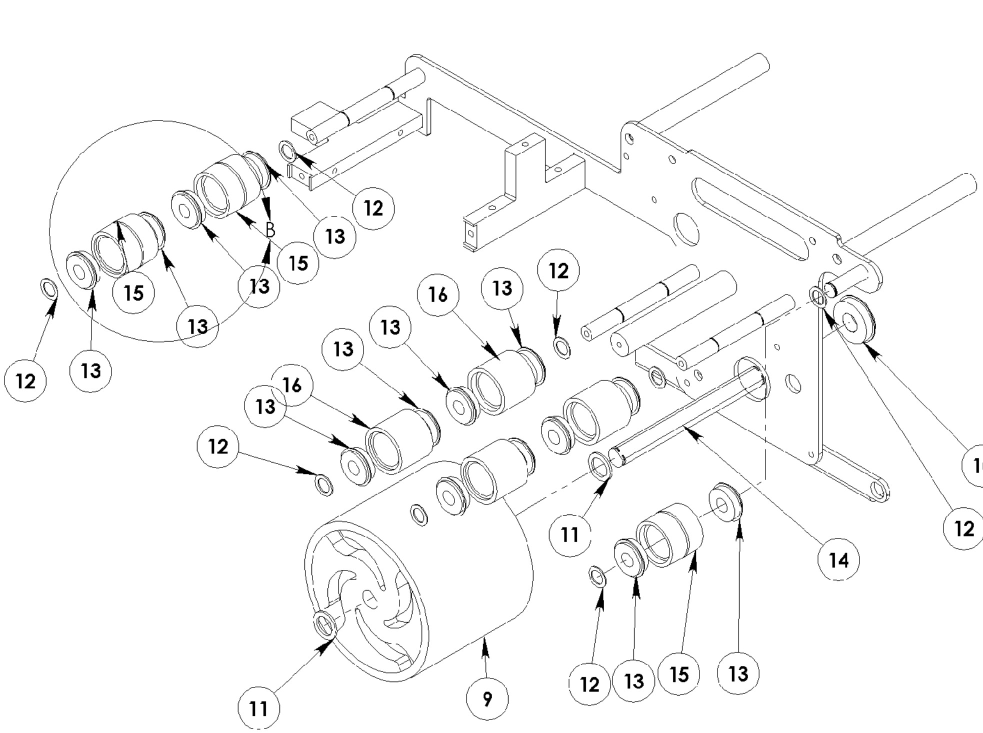


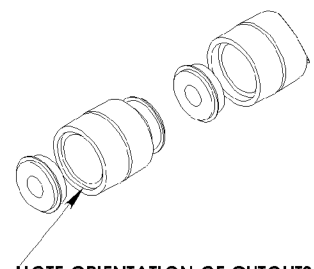
ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.	RIGHT HEX SHAFT/QTY.
1	LF-PRSTEP8	SEE LFS08000	1	-
2	LF-PRSTEP9	SEE LFS09000	1	-
3	LF-PRSTEP12	SEE LFS12000	1	-
4	7708009	RIGHT HEX SHAFT	1	1
5	7708024	GEAR SPACER B	1	1
6	7708061	HEX BEVEL GEAR	1	1
7	7708023	GEAR SPACER A	1	1
8	7708022	SHAFT BRACKET	1	1
9	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING	2	2
10	7707641	Aluminum Unthreaded Round Spacer 3/8" OD, 1/4" Length, #10 Screw Size	2	2
11	7708007	EXIT IN/OUT CAM	1	1
12	7708006	EXIT UP/DOWN CAM	1	1
13	7708073	INVERTER NIP CAM	1	1
14	7708062	BEVEL GEAR W/ SS AND BORE	1	1
15	7708085	DUST COVER	1	-
16	7707631	18-8 SS Screw-Lock Helical Insert 10-32 Internal Thread, .285" Length	1	1
17	7707447	EXT spring 0.022 X 0.240 X 2.50 MUSIC	1	1

TITLE LIFT/REG EXIT CAMS (AS#13)	SHT 1	OF 1
ITEM # LFS13000	REV 0	



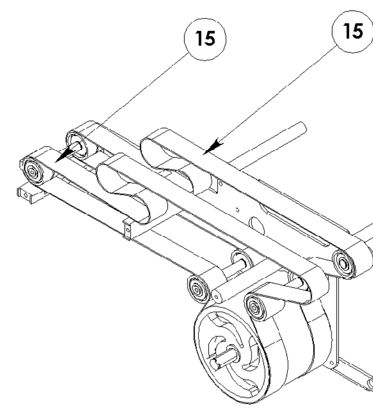
ITEM NO.	PART NUMBER	DESCRIPTION	WITH PULLEYS/ QTY.
1	7707878	INNER FRAME PLATE	1
2	7707925	CENTER MOUNT BRACKET, RIGHT	1
3	7707883	CENTER STANDOFF	2
4	7707935	TEE	2
5	7707898	STANDOFF	1
6	7708066	ROLLER SHAFT SHORT	1
7	LF-PRSTEP1	ASSEMBLY STEP 1	1
8	1771425	Radial Ball Bearing	1
9	1925230	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/2, 0.505 X 0.750 X 0.062 THK	2
10	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK	8
11	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING	14
12	7707882	FLAT BELT DRIVE SHAFT	1
13	7708012	CROWNED FLAT BELT PULLEY	3
14	7708021	FLAT BELT IDLER PULLEY	4
15	7707556	1.0 WIDE X 50.36 LONG FLAT BELT	2
16	1722959	DUAL PULLEY SHAFT	3





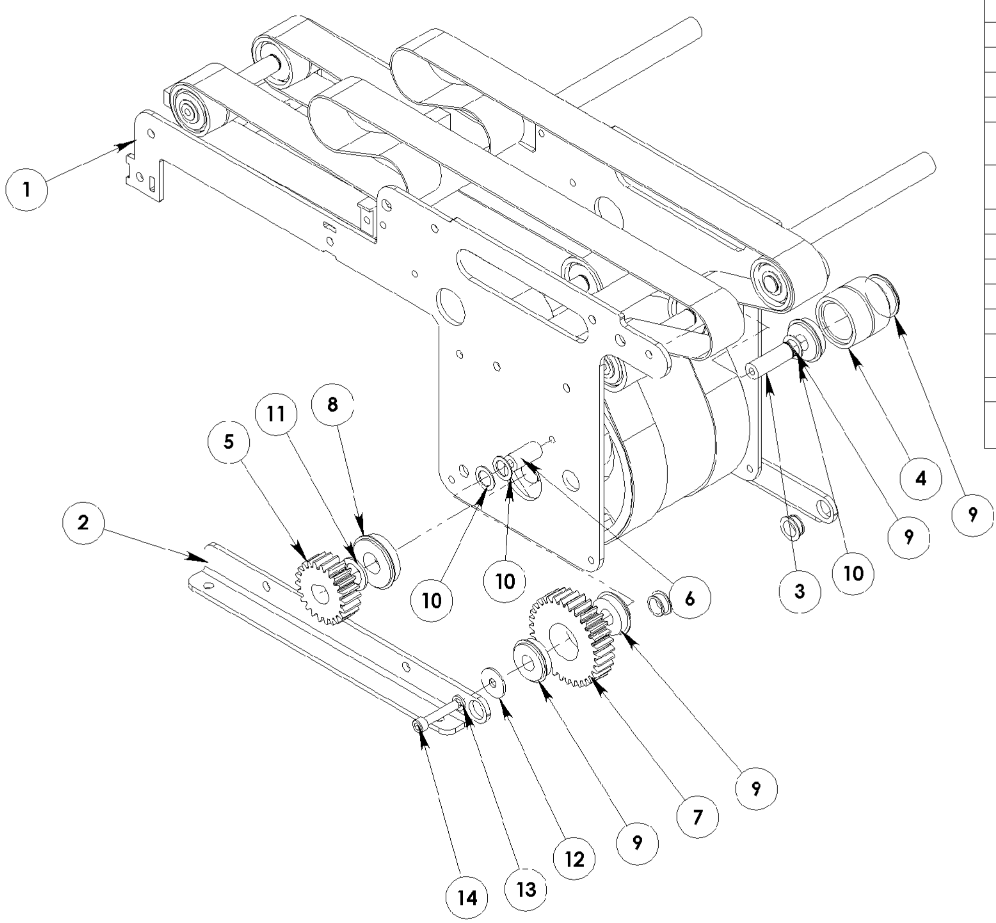
NOTE ORIENTATION OF CUTOUTS

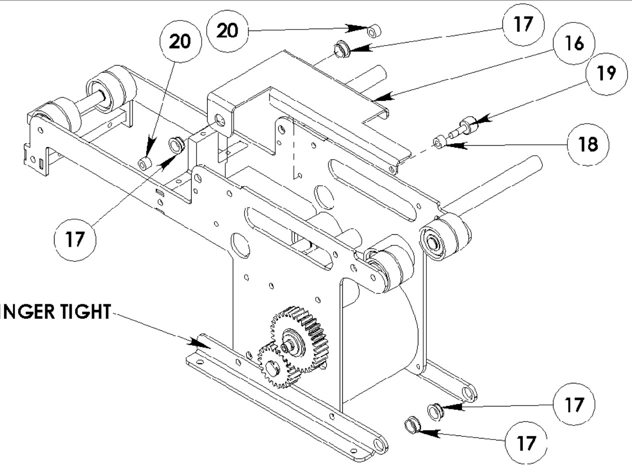
DETAIL B
SCALE 1 : 2



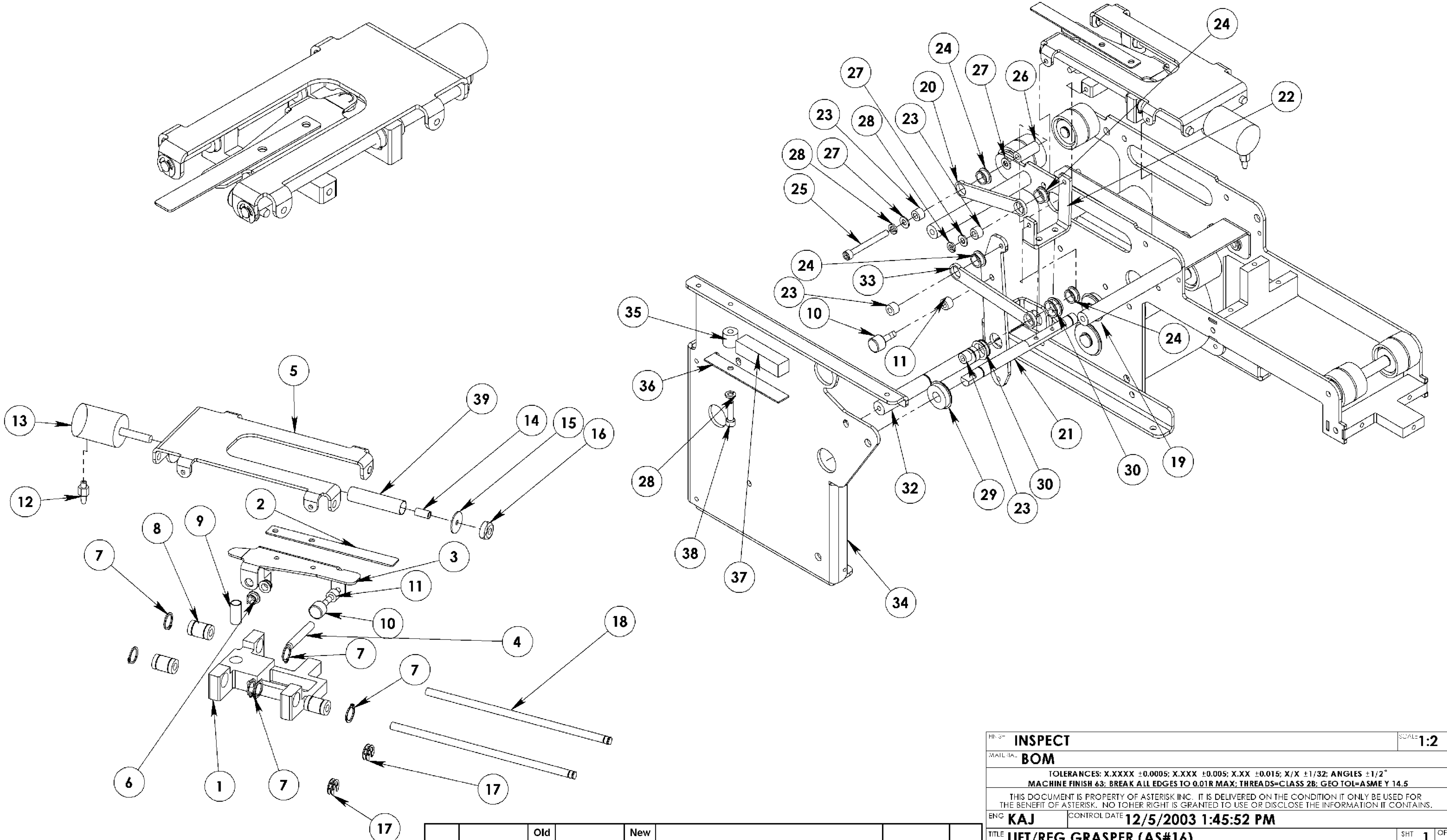
TITLE LIFT/REG BELTS (AS#14)		SHT 1	OF 1
	ITEM # LFS14000		REV 0

ITEM NO.	PART NUMBER	DESCRIPTION	WITHOUT BELTS/QTY.
1	7707878	INNER FRAME PLATE	1
2	7707924	CENTER MOUNT BRACKET	1
3	7708066	ROLLER SHAFT SHORT	1
4	7708012	CROWNED FLAT BELT PULLEY	1
5	7707913	DRIVEN GEAR	1
6	7708012	GEAR STUB SHAFT	1
7	7707913	INTERMEDIATE GEAR	1
8	1771425	Radial Ball Bearing	1
9	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING	4
10	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK	3
11	1925230	NYLON FLAT WASHER, REGULAR NATURAL COLOR 1/2, 0.505 X 0.750 X 0.062 THK	1
12	1925604	FENDER WASHER 18-8 STAINLESS #10, 13/64ID X 11/16OD X 0.050THK	1
13	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10	1
14	1980077	SHCS SS #10-32 X 1	1
15	LF-PRSTEP14	ASSEMBLY STEP 14	1
16	7707888	GRASPER FOLLOWER BRACKET	1
17	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	4
18	7707641	Aluminum Unthreaded Round Spacer 3/8" OD, 1/4" Length, #10 Screw Size	1
19	7707544	CAM FOLLOWER 1/2 STUD	1
20	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4LOD, 1/4" Length, #10 Screw Size	2





TITLE LIFT/REG DRUM FRAME (AS#15)		SHT 1	OF 1
	ITEM # LFS15000		REV 0



ECN#	Old P/N	Old Rev	New P/N	New Rev	Change Descriptions	Date	By
3633	LFS16000	0	LFS16000	1	3FME35A8 was 3FMA32B0	08-Jul-05	KAJ

FINISH: INSPECT | SCALE: 1:2

MATERIAL: BOM

TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5

ENG KAJ | CONTROL DATE 12/5/2003 1:45:52 PM

TITLE LIFT/REG GRASPER (AS#16) | SHT 1 OF 2

as.ter.isk* www.asteriskinc.com
4 Business Park Rd Old Saybrook CT 06475 860.388.3811

ITEM # LFS16000 | REV 0

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.	GRASPER/QTY.
1	7707923	LOWER BEARING BLOCK	1	1
2	7707929	GRASPER SPRING FINGER	1	1
3	7707887	GRASPER BRACKET	1	1
4	7707928	GRASPER PIVOT SHAFT	1	1
5	7707886	GUIDE ROD MOUNT BRACKET	1	1
6	7707484	FLANGED PLAIN BEARING NYLON 0.375 ID X 0.438 HOUSING BORE 0.140L	2	2
7	7707465	Retaining ring series 3100 .468G .039W .048E	6	6
8	7707546	LINEAR BALL BEARING 1/4ID X 1/2OD X 3/4L STEEL SLEEVE/RESIN RETAINER	3	3
9	7707444	COMPRESSION SPRING, MUSIC WIRE, 0.360 OD X 0.026 WIRE DIA X 3/4L	1	1
10	7707544	CAM FOLLOWER 1/2 STUD	2	1
11	7707641	Aluminum Unthreaded Round Spacer 3/8" OD, 1/4" Length, #10 Screw Size	2	1
12	7707680	MALE BARB CONNECTOR 1/8IDT X #10-32	1	1
13	7707537	FLAT-1 AIR CYLINDER DOUBLE ACTING 9/16B X 1S	1	1
14	7707647	Nylon Unthreaded Round Spacer 1/4" OD, 1/2" Length, #8 Screw Size	1	1
15	1925603	FENDER WASHER 18-8 STAINLESS #8, 11//64ID X 3/4OD X 0.040THK	1	1
16	7707651	Recessed Bumper with washer	1	1
17	7707433	E-STYLE RETAINING RING SPRING STEEL. ZINC PLATE	4	4
18	7707919	UPPER LINEAR SHAFT	2	2
19	LF-PRSTEP15	SEE LFS15000	1	-
20	7707892	GRASPER LINK	1	-
21	7707927	GRASPER DRIVE SHAFT	1	
22	7707896	GRASPER SHAFT BRACKET	1	-
23	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4LOD, 1/4" Length, #10 Screw Size	4	-
24	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	4	-
25	1980081	SHCS SS #10-32 X 1-3/4	1	-
26	7707641	ROUND ALUMINUM SPACER #10 X 3/8 OD X 7/8 L	1	-
27	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK	3	-
28	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10	3	-
29	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING	2	-
30	1730540	SNAP IN NYLINER BEARING NYLON 0.500 ID X 0.564 OD X 0.140L	2	-
31	7707894	GRASPER CAM BRACKET	1	-
32	7707895	CAM BRACKET PIVOT SHAFT	1	-
33	7707897	MID SIZE LINK ARM	1	
34	7707918	RIGHT SIDE PLATE	1	
35	1730467	ROUND SPACER ALUMINUM 1/2OD X #10ID X 1/2L	1	-
36	7707948	BUMPER MOUNT FINGER	1	-
37	7707586	URETHANE SHEET 50DURO SORBATHANE BLACK 0.500 THK	1	-
38	1980075	SHCS SS #10-32 X 3/4	1	-
39	1723149	Steel Compression Spring Music Wire, .48 OD X .035 WD X 1.75L	1	1

ECN#	Old P/N	Old Rev	New P/N	New Rev	Change Descriptions	Date	By
3633	LFS16000	0	LFS16000	1	3FME35A8 was 3FMA32B0	08-Jul-05	KAJ

FINISH

SCALE 1:8

MATERIAL

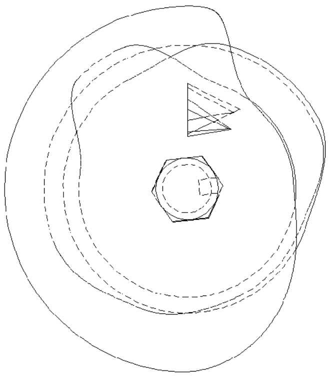
TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEOTOL=ASME Y 14.5

ENG | CONTROL DATE

TITLE **LIFT/REG GRASPER (AS#16)** SHT 2 OF 2

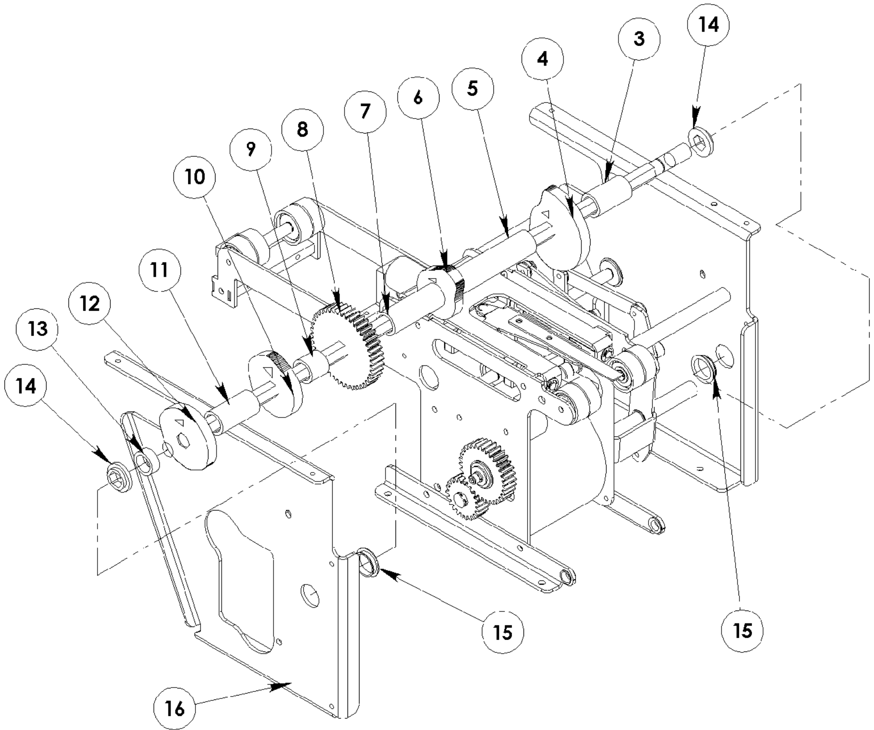
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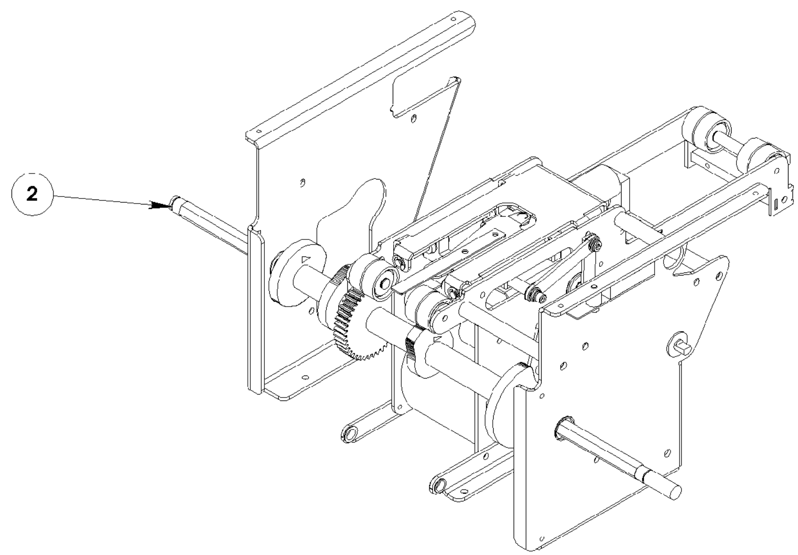
ITEM # **LFS16000** REV



VIEWED FROM RIGHT SIDE. NOTE KEYSLOT LOCATION RELATIVE TO ARROW BACKS.

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.	With Belts/QTY.
1	LF-PRSTEP16	SEE LFS16000	1	-
2	7707885	CAM SHAFT	1	1
3	7707903	SPACER F	1	1
4	7707876	GRASPER IN OUT CAM	1	1
5	7707902	SPACER E	1	1
6	7707877	GRASPER UP DOWN CAM	1	1
7	7707901	SPACER D	1	1
8	7707911	DRIVE GEAR	1	1
9	7707900	SPACER C	1	1
10	7707884	PICK LIFT CAM	1	1
11	7707899	SPACER B	1	1
12	7707879	PICK IN/OUT CAM	1	1
13	7707904	SPACER A	1	1
14	1730557	HEX BUSHING	2	2
15	7707487	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	2	2
16	7707920	LEFT SIDE PLATE	1	1
17	LF-PRSTEP16	SEE LFS16000	-	1



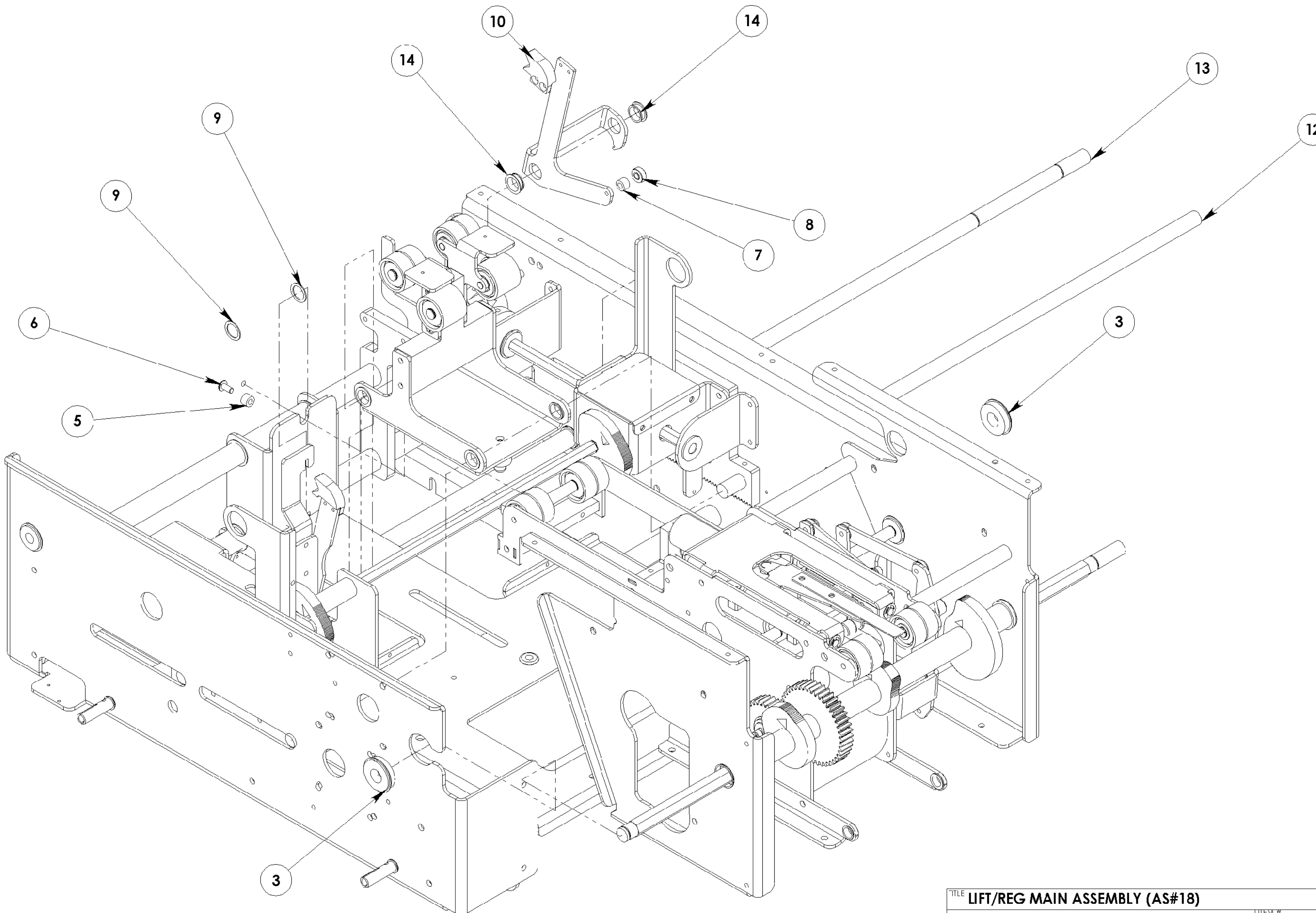


TITLE **LIFT/REG FEED CAM SHAFT (AS#17)**

SHT 1 OF 1

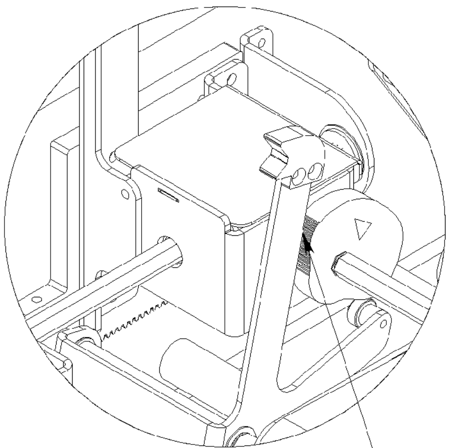
ITEM # **LFS17000**

REV **0**



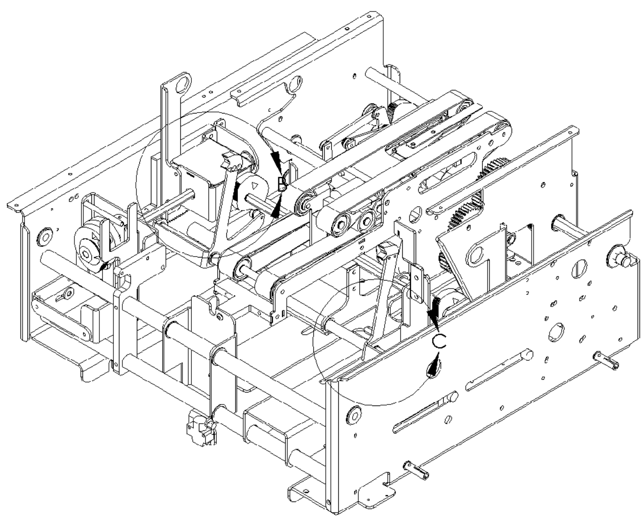
TITLE LIFT/REG MAIN ASSEMBLY (AS#18)		SHT 1	OF 2
ITEM # LFS18000		REV 0	

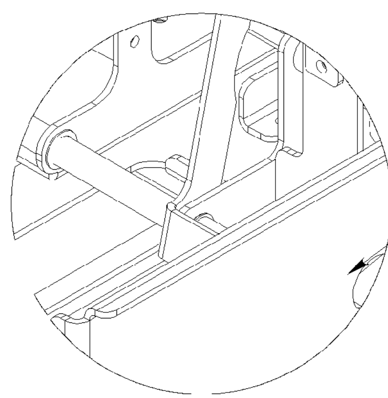
ITEM NO.	PART NUMBER	DESCRIPTION	EXPLODED/QTY.
1	LF-PRSTEP13	ASSEMBLY STEP 13	1
2	LF-PRSTEP17	ASSEMBLY STEP 17	1
3	1771425	Radial Ball Bearing	2
4	LF-PRSTEP18-1	See LFS18100	1
5	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4LOD, 1/4" Length, #10 Screw Size	1
6	1980279	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8	1
7	7707641	Aluminum Unthreaded Round Spacer 3/8" OD, 1/4" Length, #10 Screw Size	1
8	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE	1
9	1925238	NYLON FLAT WASHER, NARROW RIM NATURAL COLOR 1/2ID X 11/16OD X 1/32THK	2
10	7708033	RIGHT REAR JOG BLOCK	1
11	7708015	REAR RIGHT JUSTIFY BRACKET	1
12	7708067	REAR RACK CROSS ROD	1
13	7708013	RACK CROSS ROD	1
14	1730540	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	2



DETAIL B
SCALE 1 : 2

Adjust cross rod so adjust bracket is close to cam but doesn't contact it.



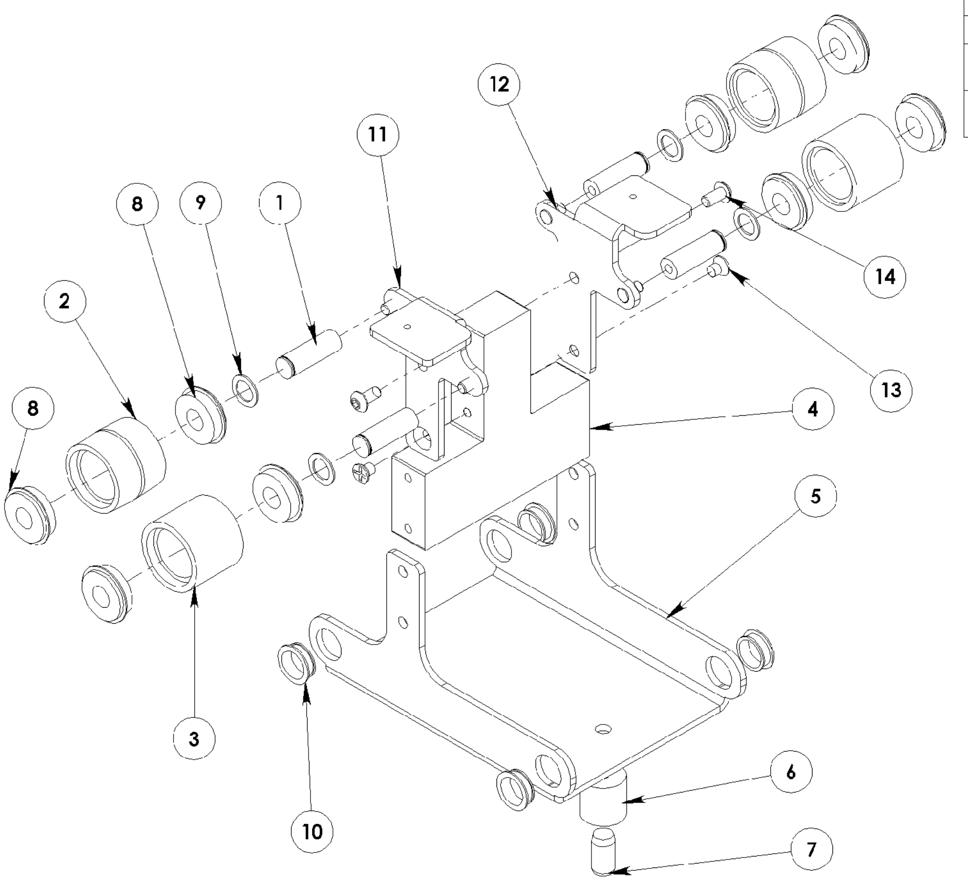


1925238's go between bearings on justifiy bracket and left rear mount bracket.

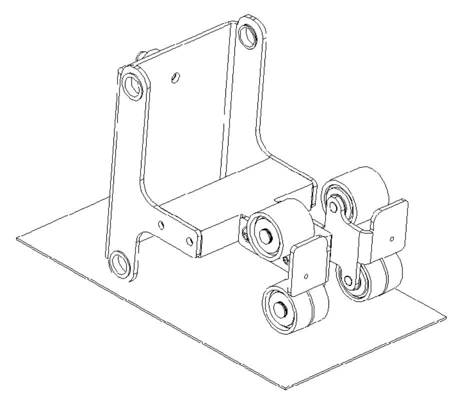
DETAIL C
SCALE 1 : 2

TITLE LIFT/REG MAIN ASSEMBLY (AS#18)	SHT 2	OF 2
ITEM # LFS18000		REV 0

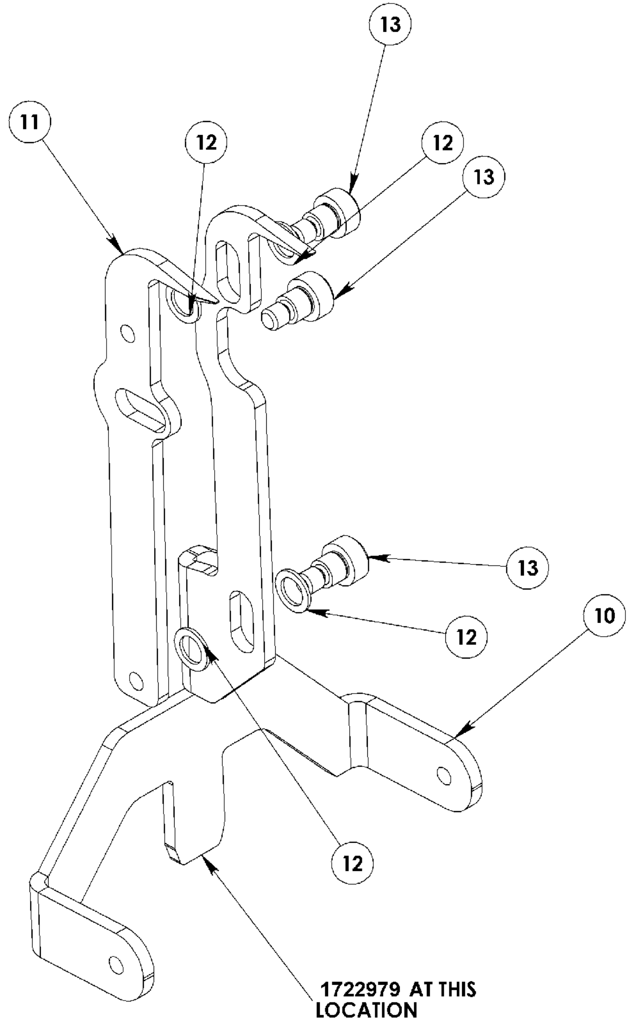
ITEM NO.	PART NUMBER	DESCRIPTION	EXPLODED/QTY.	ASSY/QTY.
1	7708066	ROLLER SHAFT SHORT	4	4
2	7708012	CROWNED FLAT BELT PULLEY	2	2
3	7708021	FLAT BELT IDLER PULLEY	2	2
4	7708070	CENTER BLOCK	1	1
5	7708014	CENTER DECK BRACKET	1	1
6	7708020	GUIDE POST	1	1
7	7707442	DOWEL PIN ALLOY STEEL, HARDENED AND GROUND 3/8 X 3/4	1	1
8	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING	8	8
9	7707432	STEEL ADJUSTING SHIM 3/8 ID X 1/2 OD X 0.005 THICK	4	4
10	1730540	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	4	4
11	7708086	CENTER DECK SUPPORT BRACKET LEFT W/STUDS	1	1
12	7708087	CENTER SUPPORT DECK RIGHT	1	1
13	7707607	FLAT HEAD PHILLIPS MACHINE SCREW, #10-32 X 1/4	2	2
14	1980279	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8	2	2

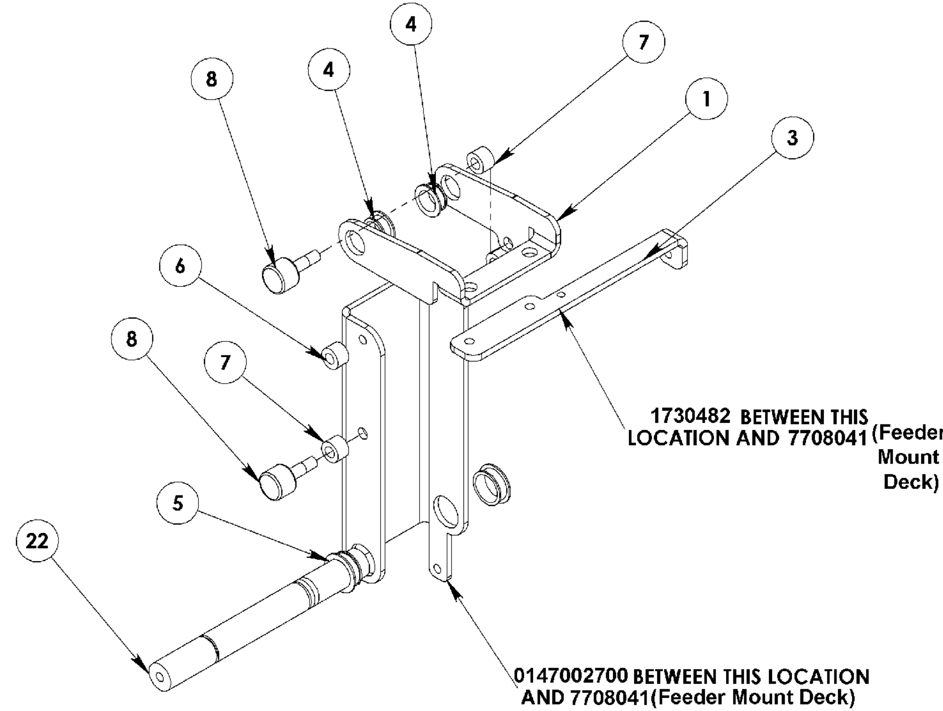


Use Button Head and Flat Head screws to adjust assembly so it will not rock on a flat surface in this position.



TITLE LIFT/REG CENTER BELT IDLER (AS#18-1)	SHT 1	OF 1
ITEM # LFS18100		REV 0

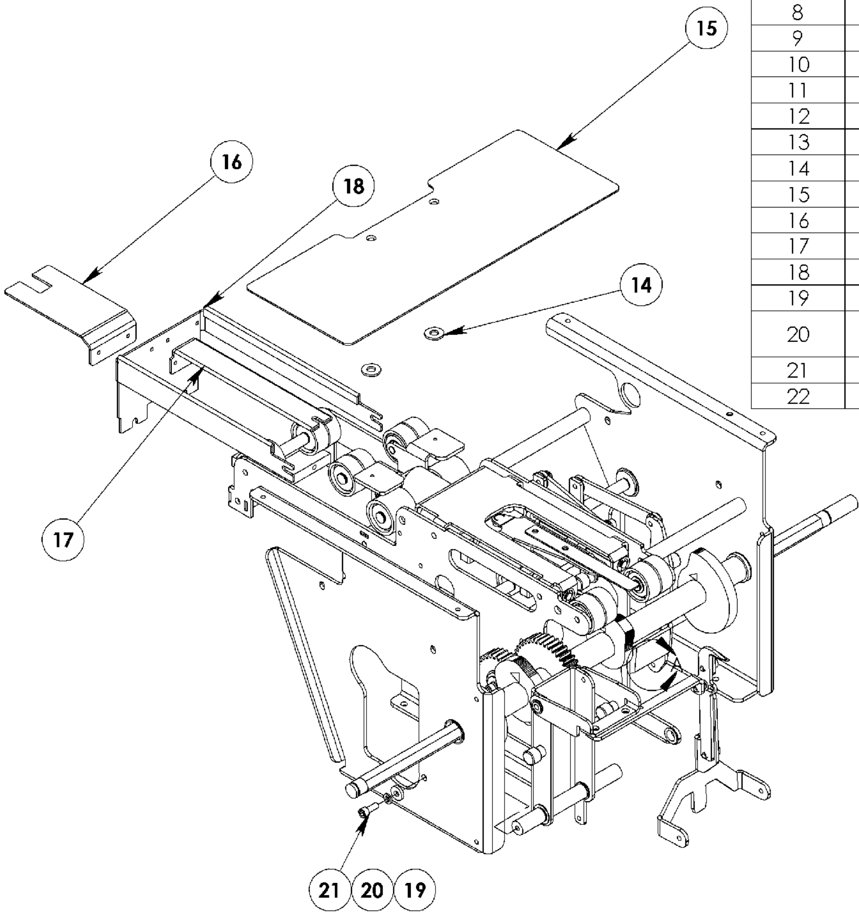


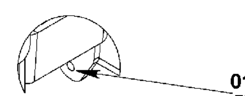


FINISH	SCALE 1:2
MATERIAL	
TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2° MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5	
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ENG	CONTROL DATE
TITLE LIFT/REG PICK/REAR DECK (AS#19)	SHT 1 OF 2
as.ter.isk* www.asteriskinc.com 4 Business Park Rd Old Saybrook CT 06475 860.388.3811	ITEM # LFS19000 / REV

INSTALL A 7707455 AT EACH OF THE REAR JUSTIFIERS.

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.	FOLLOWERS/ QTY.	PICK FINGER/QTY.
1	7707916	PICKER PIVOT BRACKET	1	1	-
2	1723122	PICK IN OUT BRACKET	1	1	-
3	7707932	PICK FINGER BRACKET	1	1	-
4	7707461	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	2	2	-
5	7707485	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	2	2	-
6	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4LOD, 1/4" Length, #10 Screw Size	2	2	-
7	7707641	Aluminum Unthreaded Round Spacer 3/8" OD, 1/4" Length, #10 Screw Size	2	2	-
8	7707544	CAM FOLLOWER 1/2 STUD	2	2	-
9	LF-PRSTEP17	ASSEMBLY STEP 17	1	-	-
10	LF321080	Pick Finger - Order 1722895	1	-	1
11	LF222070	Pick Finger - Order 1722895	1	-	1
12	9950257000	FW NYLON 3/8 X 9/16 X 1/32	4	-	4
13	7707638	PSS 1/4 X 3/4 #10-32 SS	3	-	3
14	1925069	1/4 FLAT WASHER	2	-	-
15	7708034	CENTER REAR DECK	1	-	-
16	7708069	INFEED BRACKET	1	-	-
17	7707934	CENTER SUPPORT BRACKET	1	-	-
18	1723123	SUPPORT BRACKET	1	-	-
19	1925080	FFW CHS 1/4	1	1	1
20	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10	1	1	1
21	1980072	SHCS SS #10-32 X 1/2	1	1	1
22	1723118	PICK IN OUT PIVOT SHAFT	1	1	-





DETAIL A
SCALE 1 : 2

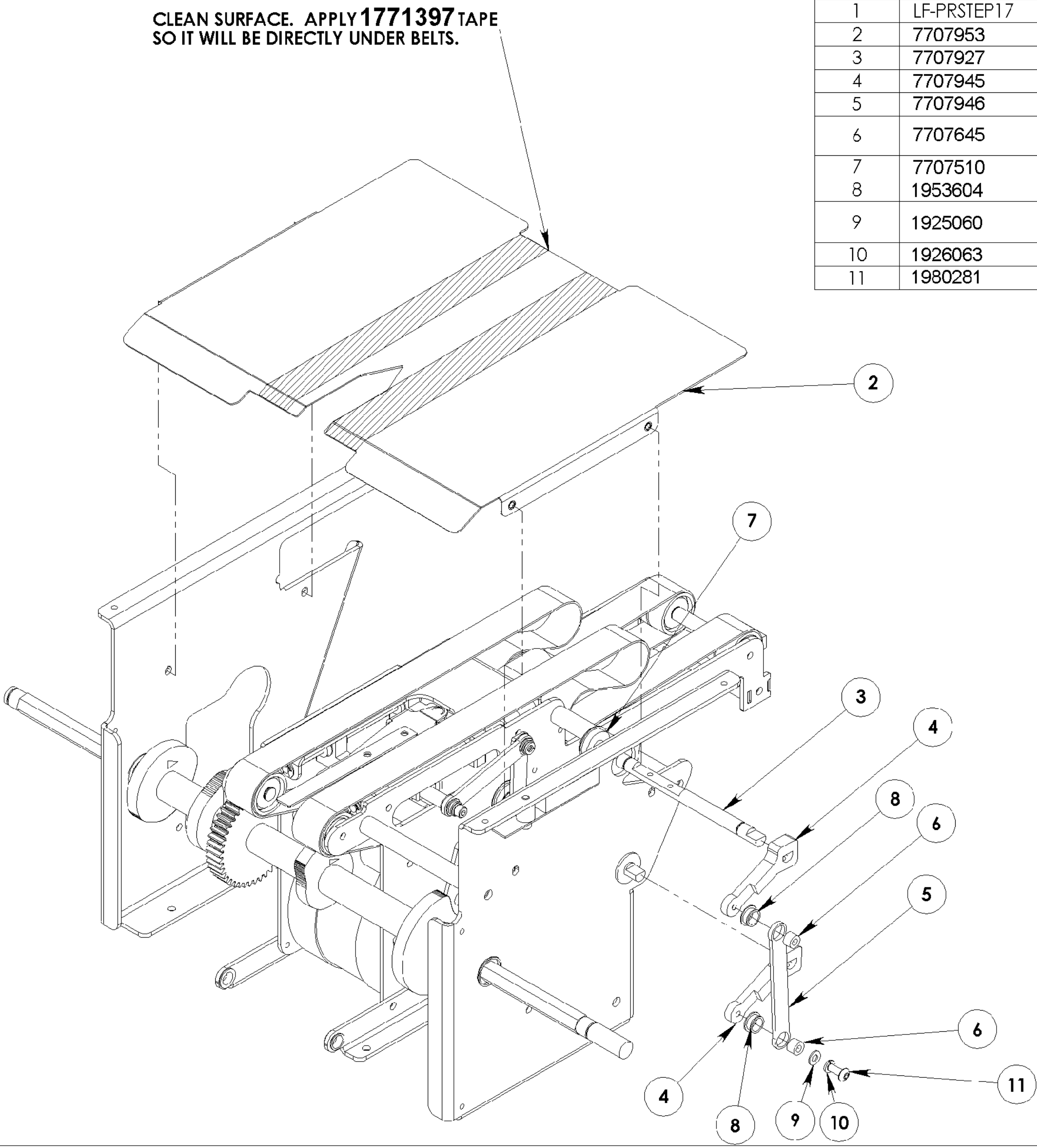
FINISH **INSPECT** SCALE **1:4**
MATERIAL **BOM**
TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5

ENG **KAJ** CONTROL DATE **1/20/2004 11:37:49 AM**
TITLE **LIFT/REG PICK/REAR DECK (AS#19)** SHT **2** OF **2**

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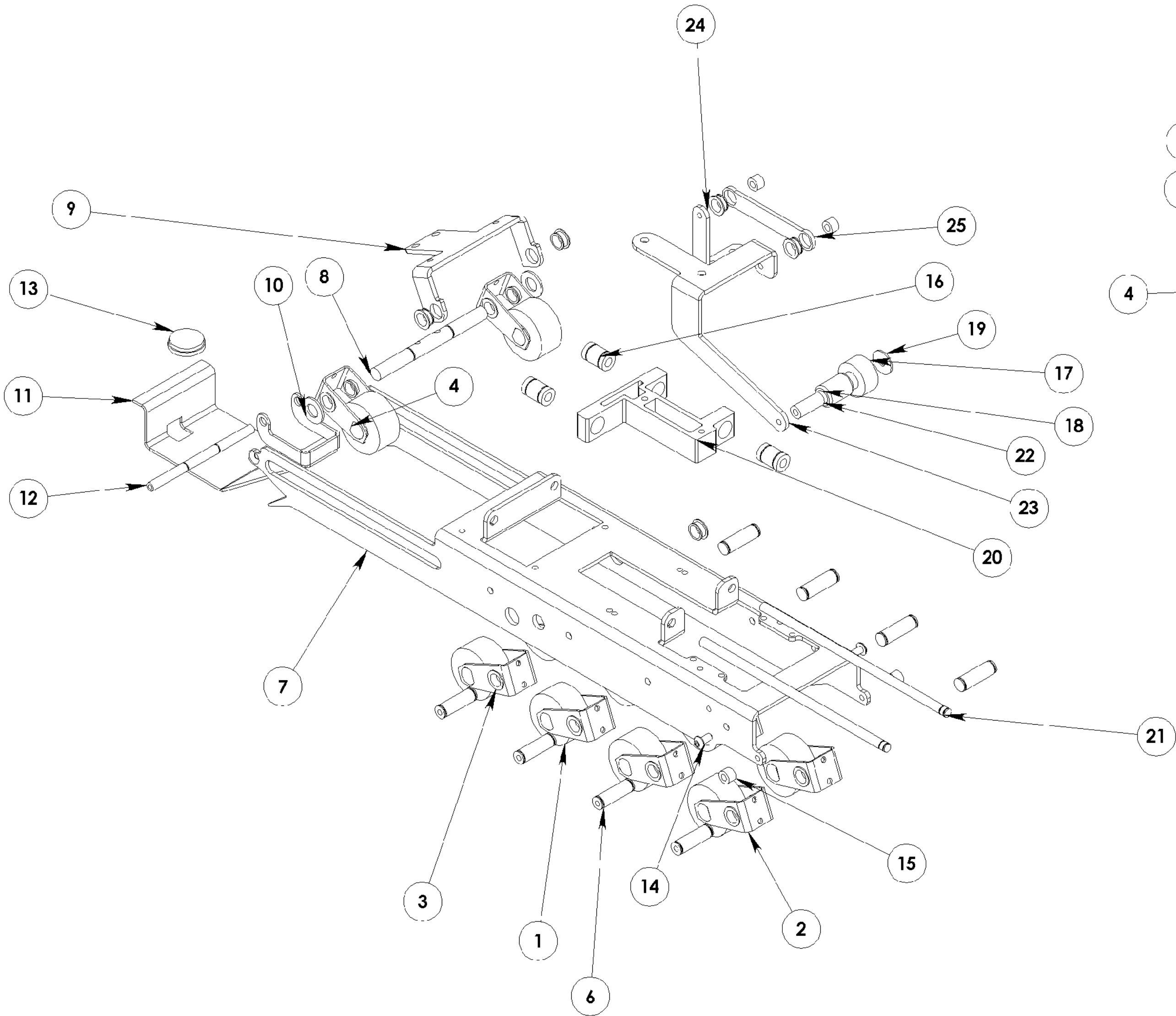
ITEM # **LFS19000** REV **0**

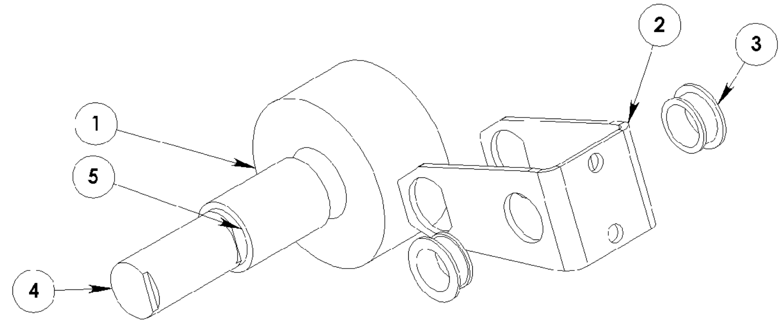
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LF-PRSTEP17	SEE LFS17000	1
2	7707953	FEEDER DECK W/PEMS	1
3	7707927	GRASPER DRIVE SHAFT	1
4	7707945	ARM	2
5	7707946	MID SIZE LINK ARM	1
6	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4LOD, 1/4" Length, #10 Screw Size	2
7	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING	1
8	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	2
9	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK	1
10	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10	1
11	1980281	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2	1

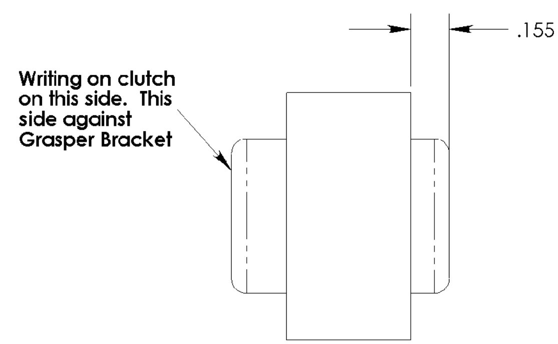


TITLE LIFT/REG FRONT DECK/GRASPER DRIVE (AS#20) SHT 1 OF 1

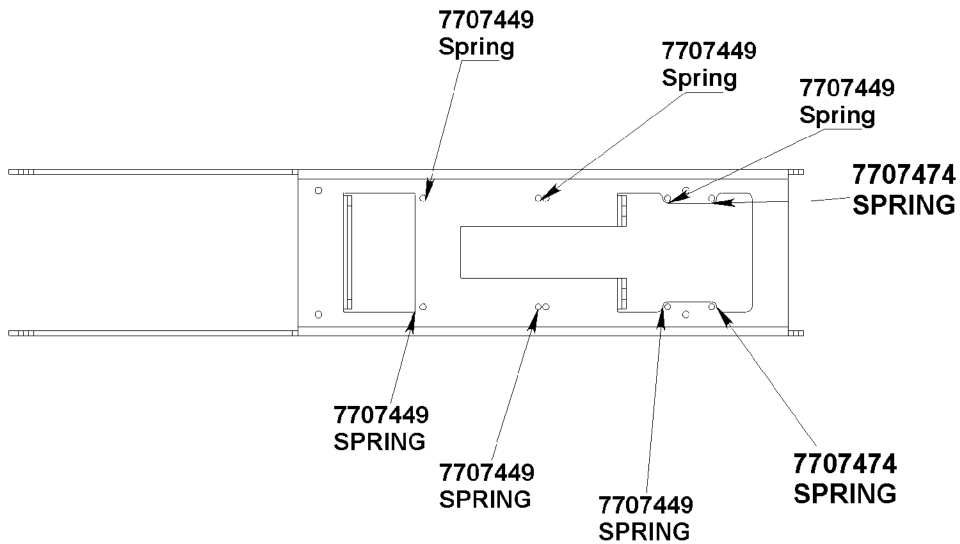
ITEM # LFS20000 REV 0

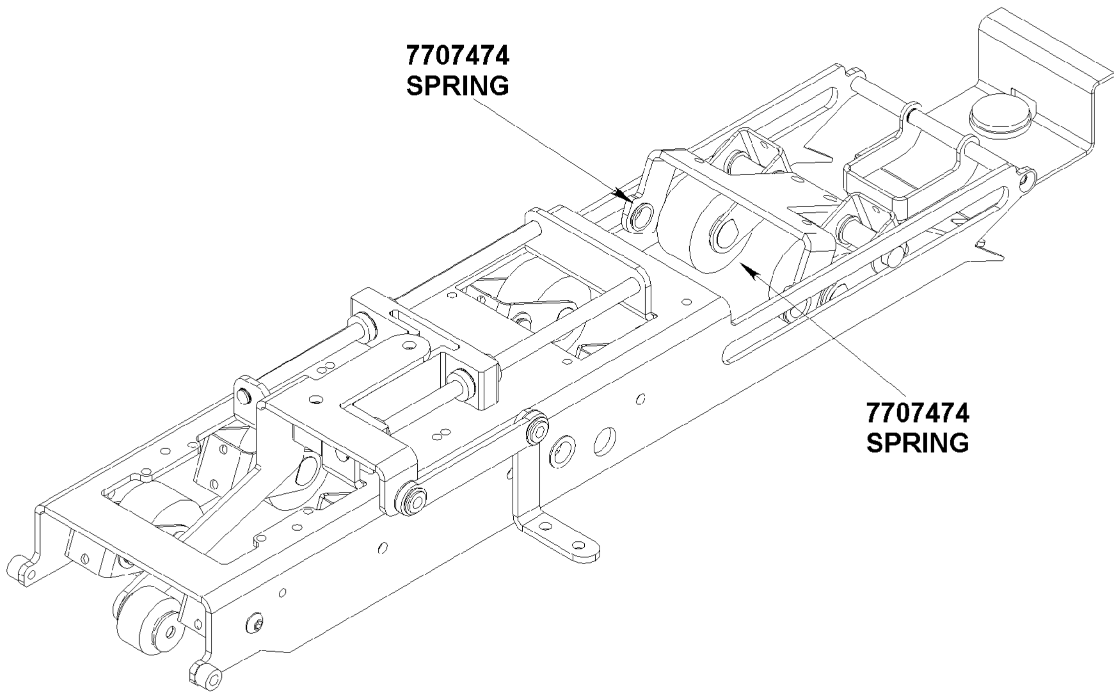






TITLE LIFT/REG IDLER CARRIAGE (AS#21)	SHT 1	OF 2
ITEM # LFS21000		REV



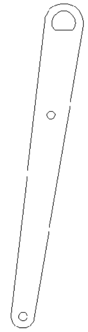


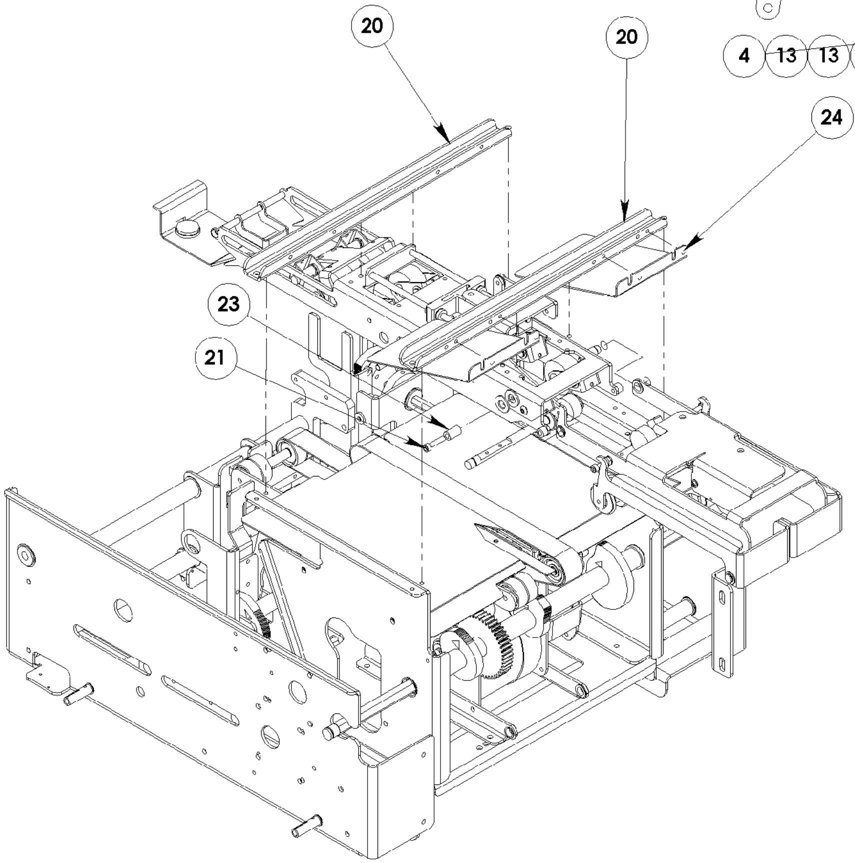
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	7707951	Input Nip Roller	10
2	7707905	IDLER BRACKET	10
3	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	25
4	7707907	IDLER SHAFT	10
5	7707681	SAE 841 Unmounted Plain Bronze Sleeve Bearing For 1/2" Shaft Dia, 5/8" OD, 7/8" Lg	10
6	7707908	IDLER PIVOT SHAFT	8
7	7707926	IDLER CARRIAGE	1
8	7708051	LAST NIP SHAFT	1
9	7708050	LAST NIP PIVOT BRACKET	1
10	1925223	NYLON FLAT WASHER, REGULAR NATURAL COLOR 3/8, 0.390ID X 0.75OD X 0.062THK	2
11	7707937	CENTER INFEED BRACKET TOP	1
12	7707947	INFEED MOUNT SHAFT	1
13	7707523	Corner Cube Reflector Disc, 26 mm Dia.	1
14	1980279	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8	2
15	7707645	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10ID X 1/4LOD, 1/4" Length, #10 Screw Size	4
16	7707546	LINEAR BALL BEARING 1/4ID X 1/2OD X 3/4L STEEL SLEEVE/RESIN RETAINER	3
17	7707495	CONVEYOR GRIPPING COVER 30 DURO URETHANE 1/2ID X 1OD X 1/2W	1
18	7707695	DC ROLLER CLUTCH AND BEARING ASSEMBLY 3/8 BORE	1
19	1925604	FENDER WASHER 18-8 STAINLESS #10, 13/64ID X 11/16OD X 0.050THK	1
20	7707921	UPPER BEARING BRACKET	1
21	7707919	UPPER LINEAR SHAFT	2
22	7707930	GRASPER ROLLER SHAFT	1
23	7707922	GRASPER ROLLER BRACKET	1
24	7707891	GRASPER ARM	1
25	7707892	GRASPER LINK	1

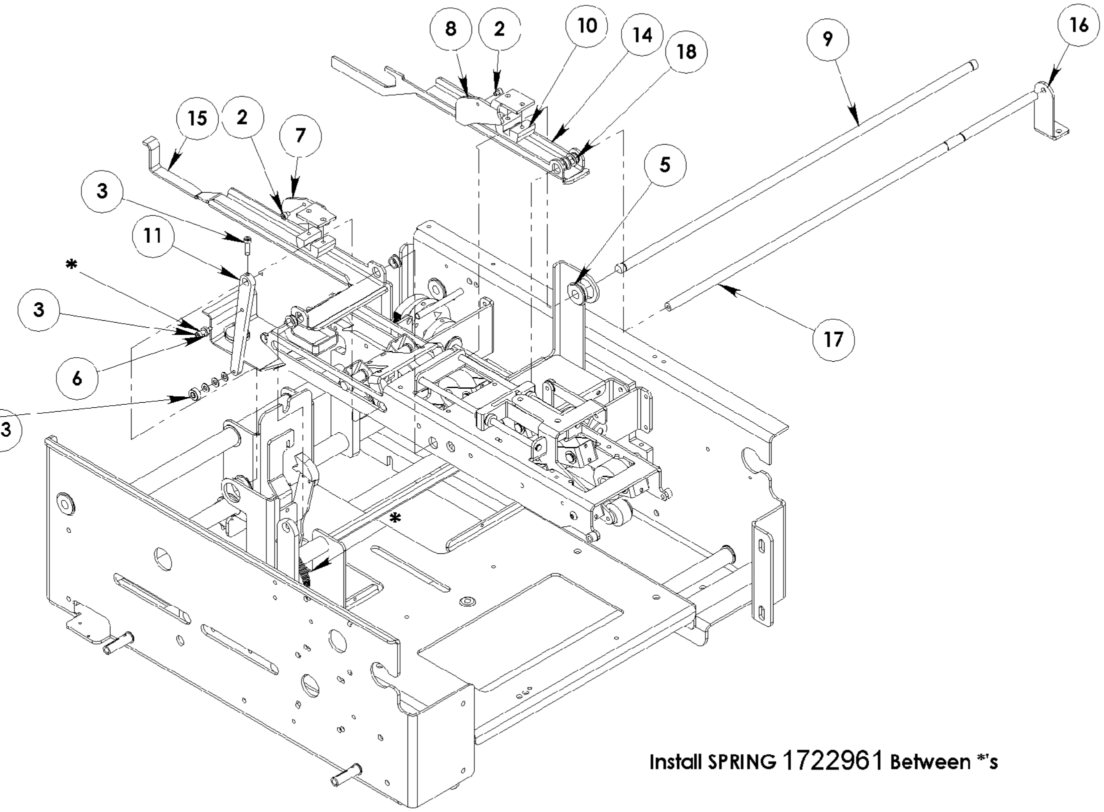
TITLE	SHT	OF
LIFT/REG ILDER CARRAIGE (AS#21)	2	2
ITEM # LFS21000	REV	0

STEP 1

Note orientation;
Viewed from left.







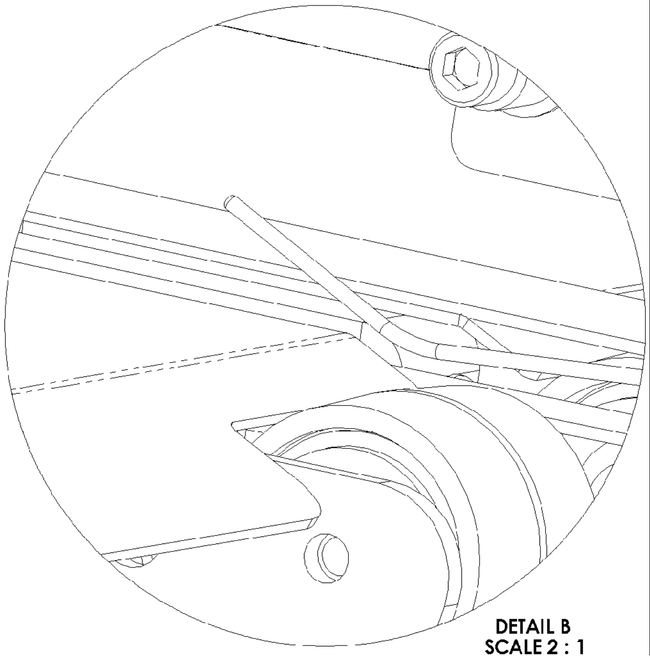
Install SPRING 1722961 Between *'s

STEP 2

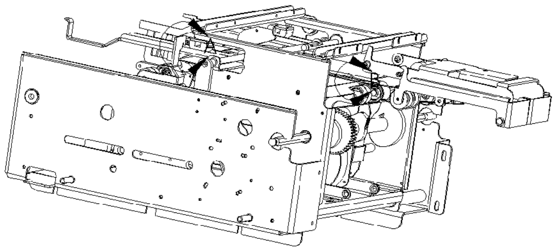
TITLE LIFT/REG BRIDGE (AS#22)		SHT 1	OF 2
	ITEM # LFS22000		REV 0

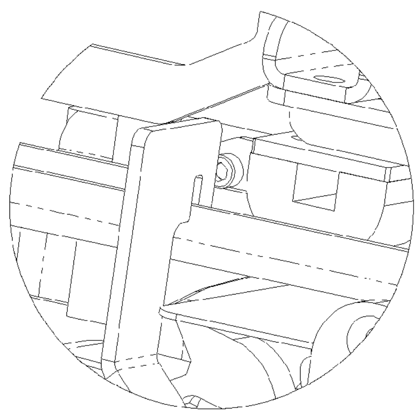
Adjust detect wire so it rests on the slope of the feeder deck.

ITEM NO.	PART NUMBER	DESCRIPTION	EXPLODED/QTY.	EXPLODED 2/QTY.
1	LF-PRSTEP21	SEE LFS21000	1	1
2	1722962	SHCS SS #8-32 X 5/16	-	2
3	1980051	SHCS SS #8-32 X 5/8	-	2
4	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE	-	1
5	7707510	3/8 ID X 7/8 OD FLANGED RADIAL BALL BEARING	-	2
6	1980701	IMA_ItemName HEX NUT 18-8 STAINLESS #8-32	-	1
7	7708077	ASS KICKER	-	1
8	7708078	ASS KICKER RIGHT	-	1
9	7708074	ASS KICKER SHAFT	-	1
10	7708076	PIVOT BLOCK	-	2
11	7708082	ASS KICKER LIFT ARM	-	1
12	7708080	LEFT SUPPORT STRUT	-	1
13	1925064	FLAT WASHER MS 15795 MIL, STAINLESS #8, 0.188ID X 0.375OD X0.065THK	-	3
14	1722963	LEFT TOP RAIL	-	1
15	7708075	LEFT TOP RAIL	-	1
16	7708081	RIGHT SUPPORT STRUT	-	1
17	7708058	PIVOT SHAFT	-	1
18	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	-	4
19	LF-PRSTEP22-1	SEE LFS22100	1	-
20	7707906	CROSS BAR	2	-
21	1980076	SHCS SS #10-32 X 7/8	2	-
22	1925223	NYLON FLAT WASHER, REGULAR NATURAL COLOR 3/8, 0.390ID X 0.75OD X 0.062THK	4	-
23	1730471	ROUND SPACER, ZINC PLATED STEEL, 3/8OD X #10 ID X 5/8L	2	-
24	7707936	Infeed Leaf	2	-



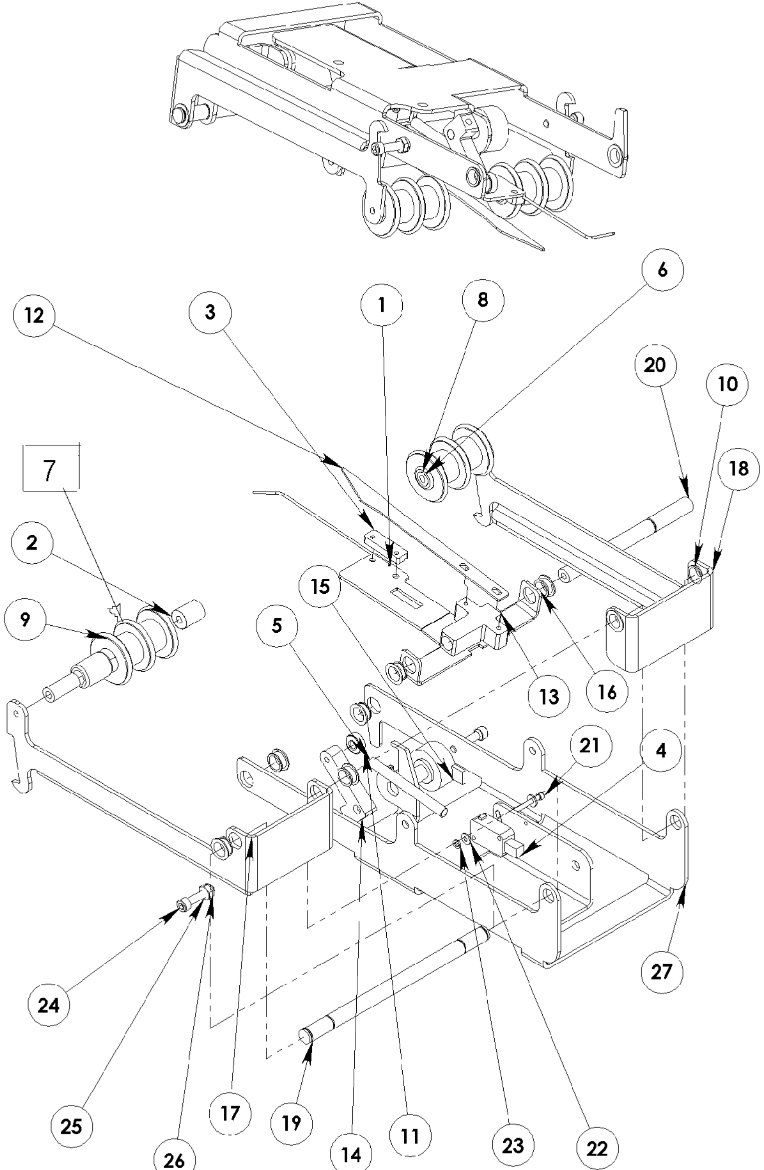
DETAIL B
SCALE 2 : 1





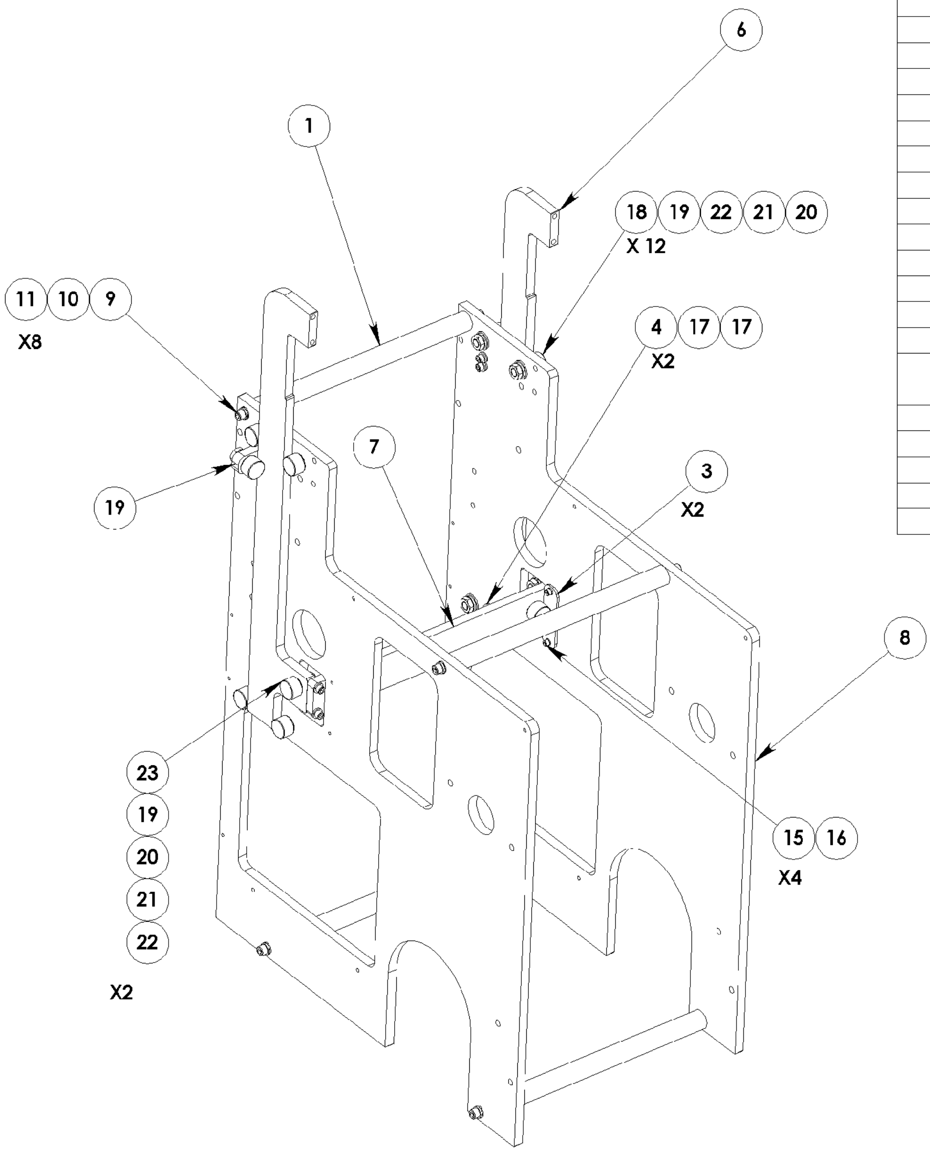
DETAIL A
SCALE 1 : 1

TITLE LIFT/REG BRIDGE (AS#22)	SHT 2	OF 2
ITEM # LFS22000	REV	



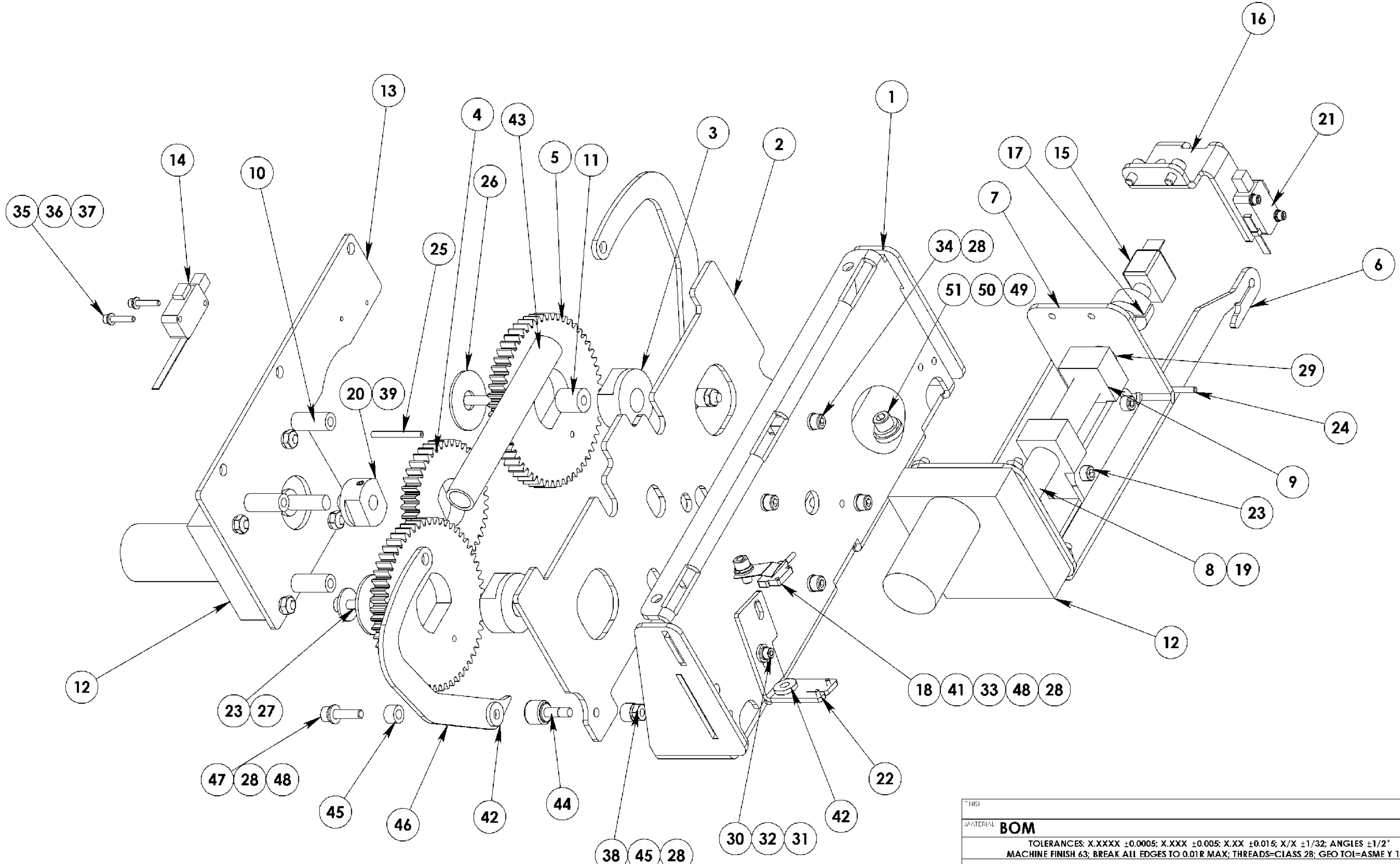
ITEM NO.	PART NUMBER	DESCRIPTION	EXPLODED/QTY.
1	7707557	DETECT FINGER B	1
2	1730472	ROUND SPACER, STEEL, 0.500 OD X 0.192 ID X 0.625 LG	2
3	7707949	DETECT CLAMP	1
4	7707481	MECHANICAL SWITCH NO BAT LIGHT FORCE	1
5	7707448	EXTENSION SPRING, MUSIC WIRE, STEEL, 1/4OD X 0.015W X 2.5L	1
6	7707695	DC ROLLER CLUTCH AND BEARING ASSEMBLY 3/8 BORE	2
7	7707457	Buna-N O-Ring As568A Dash No. 215	6
8	7707930	GRASPER ROLLER SHAFT	2
9	7707943	ORING SLEEVE	2
10	1953604	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	8
11	9950062	RADIAL BALL BEARING 3/16 ID 1/2 OD SEALED AND SHEILDED WITH EXT INNER RACE	1
12	7707942	STACK TOP FINGER	1
13	7707941	BEARING BLOCK	1
14	7707909	SENSOR ARM	1
15	7707678	HALL EFFECT ROTARY POSITION SENSOR	1
16	7707938	DETECTOR BRACKET	1
17	7707939	ANTI BACKUP BRACKET LH	1
18	7707940	Anti-Backup Bracket RH	1
19	7707952	RETARD PIVOT SHAFT	1
20	7707910	PIVOT SHAFT	1
21	1730658	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 1	1
22	1925062	FLAT WASHER MS 15795 MIL, STAINLESS #4, 0.125ID X 0.312OD X 0.040THK	2
23	1926060	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #4	1
24	19800706	SHCS SS #10-32 X 7/8	2
25	1980702	HEX NUT 18-8 STAINLESS #10-32	2
26	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10	2
27	7707917	INPUT BRACKET	1

TITLE LIFT/REG STACK DETECT (AS#22-1)	SHT 1	OF 1
ITEM # LFS22100		REV 0



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	4	7707965	LONG STANDOFF
2	1	7707739	PN Brace
3	2	7707999	FOLLOWER WEAR PLATE
4	2	7707973	SLUG CHUTE RETAINER
5	2	7707962	CAM FOLLOWER MOUNT
6	2	7707956	PUNCH DRIVE ARM
7	1	7707960	TIE BAR
8	2	7707954	SIDE PLATE
9	8	1722964	SHCS SS 5/16-18 X 1
10	8	1926065	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 5/16"
11	8	1925066	FLAT WASHER MS 15795 MIL, STAINLESS 5/16, 0.344ID X 0.688OD X 0.080THK
12	8	1980097	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 7/8
13	8	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
14	4	1730640	FLAT WASHER AN 960 C, STAINLESS 0.265ID X 0.500OD X 0.073THK
15	4	1980070	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
16	4	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
17	4	1980479	FLAT HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
18	12	7707543	Adjustable-Height Radial-Load Track Roller 1" Roller Dia, 5/8" Roller Width
19	14	7707622	Grade 5 Zinc-Plated Steel Hex Thin (Jam) Nut 7/16"-20 Screw Size, 11/16" WD, 1/4" HT
20	14	1722965	Zinc-Plated Steel Spring Lock Washer 7/16" Screw Sz, .450" ID, .776" OD, .109" Min Thk
21	14	1730398	FW NYLON 3/8 X 9/16 X 1/32
22	14	7707592	FLAT WASHER MS 15795 MIL, STAINLESS 7/16, 0.468ID X 0.921OD X 0.080 THK
23	2	7707545	Radial-Load Stud Track Roller Sealed, 1" Roller Dia, 5/8" W, 7/16" Stud Dia

TITLE	SHT	OF
Punch Frame	1	1
ITEM # PNS01000	REV	



FINISH	SCALE 1:2
MATERIAL BOM	
TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2° MACHINE FINISH 63; BREAK ALL EDGES TO 0.01R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5	
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ENG KAJ	CONTROL DATE 6/4/2003 9:19:03 AM
TITLE DIE SET CLAMP SUB	SHT 1 OF 2
as.ter.isk* www.asteriskinc.com 4 Business Park Rd Old Saybrook CT 06475 860.388.3811	ITEM # PNS04010 REV 0

ITEM NO.	PART NUMBER	DESCRIPTION	with fasteners/QTY.
1	7707976	DIE CLAMP BRACKET	1
2	7707977	DIE CLAMP WEDGE PLATE	1
3	7707978	DIESET CLAMP CAM	2
4	7707979	CLAMP MOTOR GEAR	1
5	7707980	CAM GEAR	2
6	7707981	DIESET PIN LATCH	1
7	7707982	DIESET ADJUST BRACKET	1
8	7707983	DIE ADJUST SCREW	1
9	7707984	DIE ADJUST BLOCK	1
10	7707642	ROUND ALUMINUM SPACER #10 X 3/8 OD X 7/8 L	4
11	7707985	CAM SHAFT	2
12	7707528	24 VOLT DC GEARMOTOR 47 RPM 28 IN-LB	2
13	7707990	Switch Bracket	1
14	7707508	SWITCH	1
15	7707482	Rotary Optical Encoder	1
16	7707994	SENSOR BRACKET	1
17	7707633	RECORD ONE	1
18	7707522	Photoelectric Sensor	1
19	7707634	TWO-PIECE CLAMP STYLE COLLAR STEEL, BLACK FINISH 1/2ID X 1-1/8OD X 13/32W	1
20	7707998	GEAR HUB	1
21	7707478	SHORT STRAIGHT BAT MECHANICAL SWITCH	1
22	7707993	BARCODE SENSOR BRACKET	1
23	1980076	SHCS SS #10-32 X 7/8	4
24	7707439	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1	1
25	7707440	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1.25	1
26	1925605	FENDER WASHER 18-8 STAINLESS 3/8, 13/32ID X 1-1/4OD X 0.062THK	2
27	1925604	FENDER WASHER 18-8 STAINLESS #10, 13/64ID X 11/16OD X 0.050THK	2
28	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10	21
29	7707461	SNAP IN NYLINER BEARING NYLON 0.375 ID X 0.437 OD X 0.140L	1
30	1980028	SOCKET CAP SCREW 18-8 STAINLESS #6-32 X 3/8	1
31	1926061	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #6	1
32	1925063	FLAT WASHER MS 15795 MIL, STAINLESS #6, 0.156ID X 0.375OD X 0.065THK	1
33	1980070	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8	5
34	1980079	SHCS SS #10-32 X 1-1/4	4
35	1730414	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 5/8	4
36	1926060	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #4	4
37	1925067	FLAT WASHER MS15795 MIL, STAINLESS 0.125ID X 0.250OD X 0.028THK	4
38	1980702	HEX NUT 18-8 STAINLESS #10-32	10
39	1900091	CPSSS #8-32 X 3/16 AS	1
40	7707637	Metric 18-8 Hardened Steel Dowel Pin M2 Diameter, 6mm Length	2
41	7708001	SPRING CLIP	1
42	1925080	FFW CHS 1/4	3
43	7707473	EXTENSION SPRING MUSIC WIRE 5/8OD X 0.069W X 4.5L	1
44	7707544	CAM FOLLOWER 1/2 STUD	2
45	1730394	DRILL BUSHING, HEADLESS, PRESS FIT, 0.2031ID X 3/8 OD X 1/4L	4
46	7708003	LEVER ARM	2
47	1900563	SHCS SS #10-32 X 5/8	2
48	1925060	FLAT WASHER MS 15795 MIL. STAINLESS #10, 0.219ID X 0.438OD X 0.065THK	3
49	1925081	FFW CHS 1/4	2
50	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"	2
51	1980095	SHCS SS 1/4-20 X 2.25	2

FINISH

SCALE 1:8

MATERIAL

TOLERANCES: X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.015; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63; BREAK ALL EDGES TO 0.01 R MAX; THREADS=CLASS 2B; GEO TOL=ASME Y 14.5

ENG | CONTROL DATE

TITLE

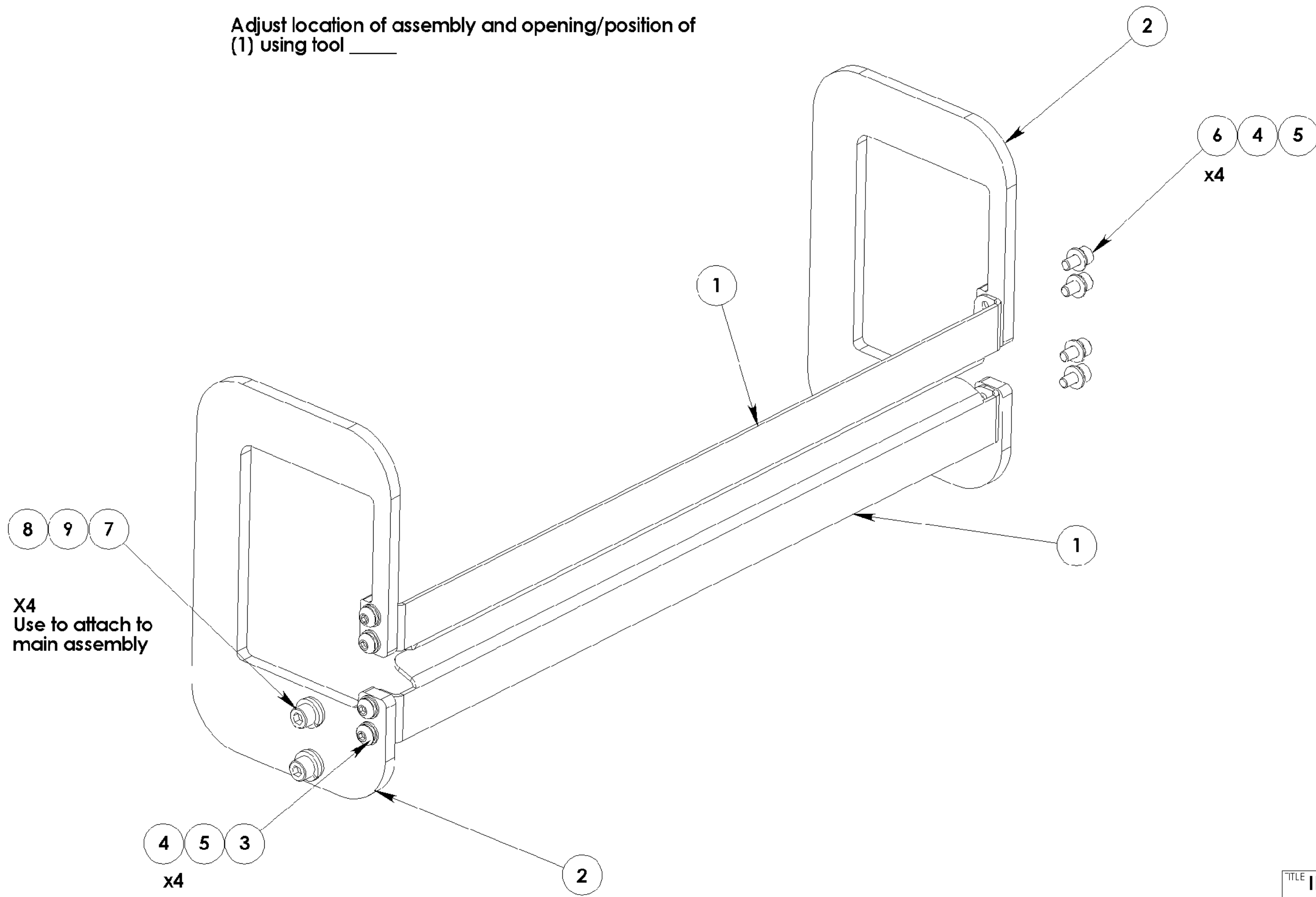
SHT 2 OF 2

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ITEM # PNS04010

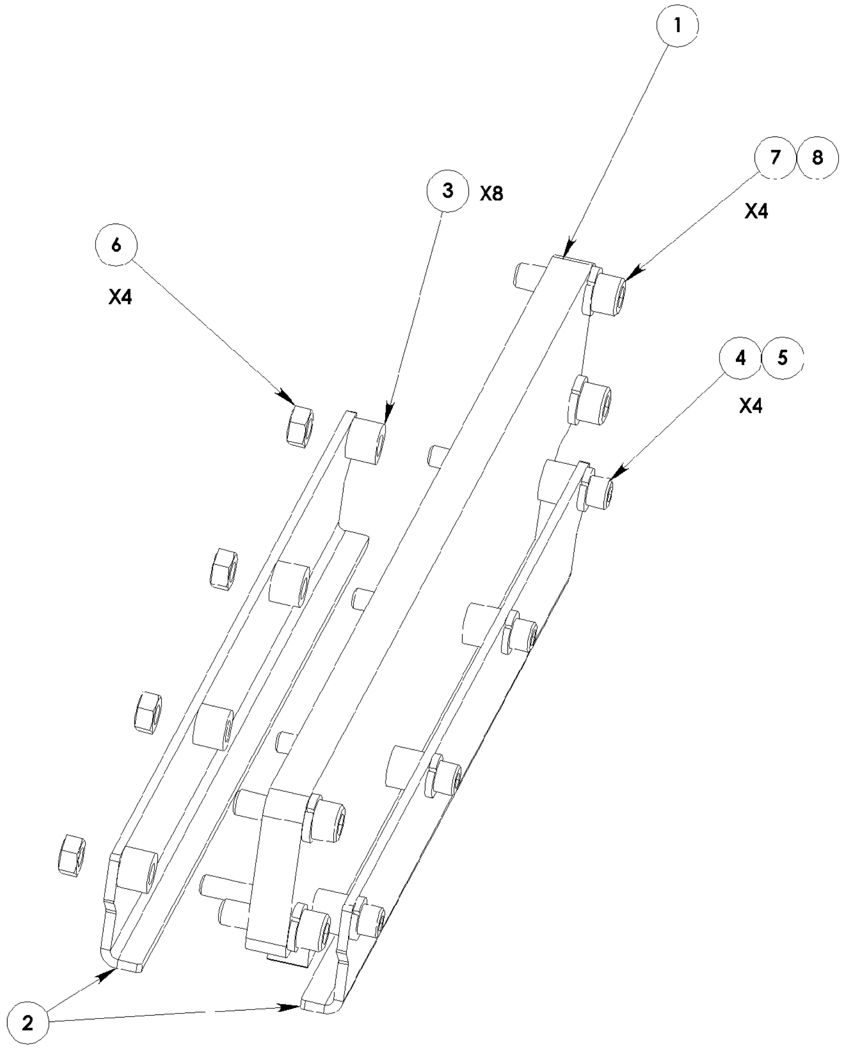
REV

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	7707969	DIE SET INFEED
2	2	7707970	INFEED MOUNT
3	4	1980281	BUTTON HEAD SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 1/2
4	8	1925060	FLAT WASHER MS 15795 MIL, STAINLESS #10, 0.219ID X 0.438OD X 0.065THK
5	8	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
6	4	1980070	SOCKET CAP SCREW 18-8 STAINLESS #10-32 X 3/8
7	4	1980095	SHCS SS 1/4-20 X 2.25
8	4	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
9	4	1730640	FLAT WASHER AN 960 C, STAINLESS 0.265ID X 0.500OD X 0.073THK



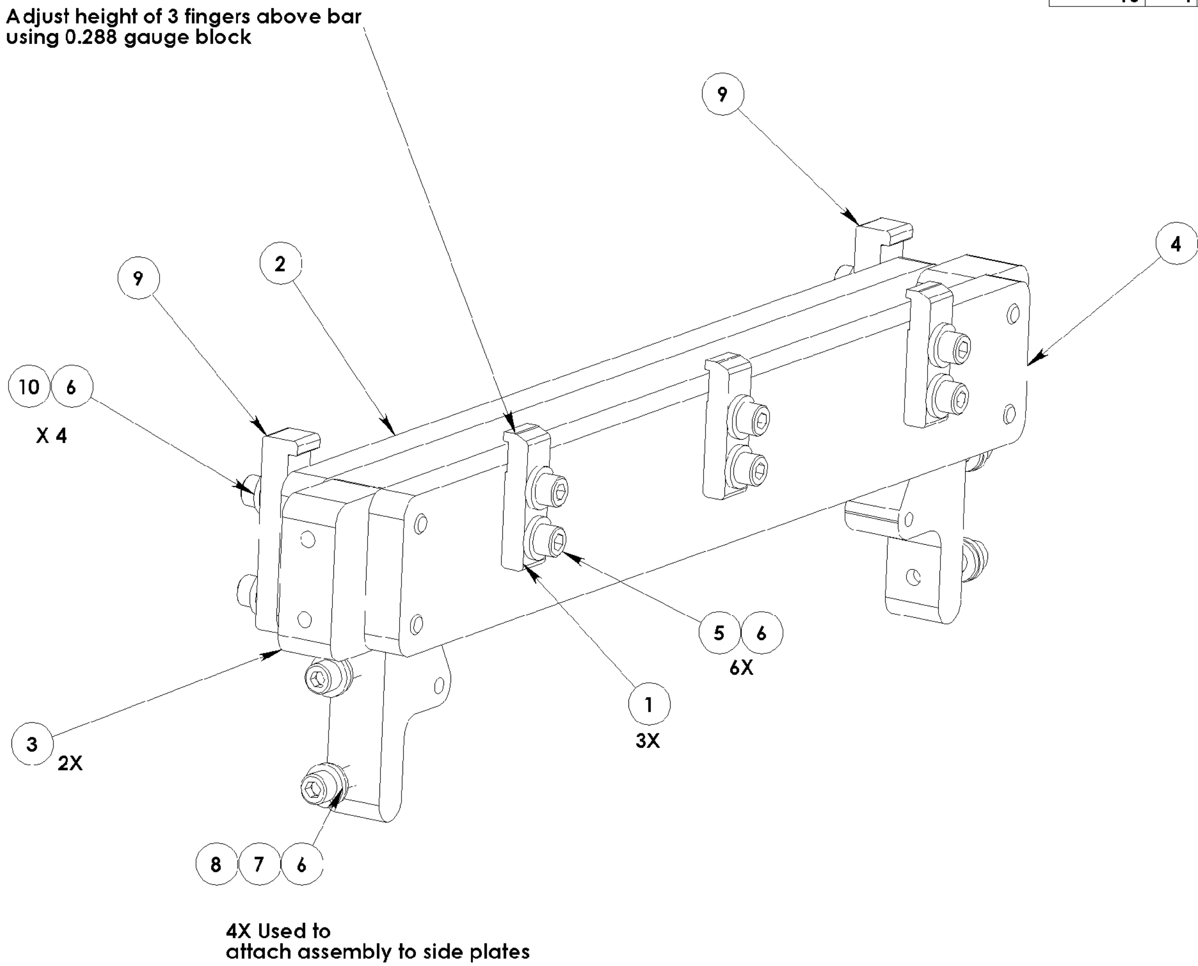
TITLE INFEED GUIDE	SHT 1	OF 1
ITEM # PNS05000	REV 0	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707957	DRIVE BAR
2	2	7707959	STRIPPER BRACKET
3	8	1730468	ROUND SPACER ALUMINUM 1/2OD X 1/4ID X 3/8L
4	4	1730438	SHCS SS 1/4-20 X 2
5	4	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
6	4	1980703	HEX NUT 18-8 STAINLESS 1/4-20
7	4	1722964	SHCS SS 5/16-18 X 1
8	4	1926065	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 5/16"



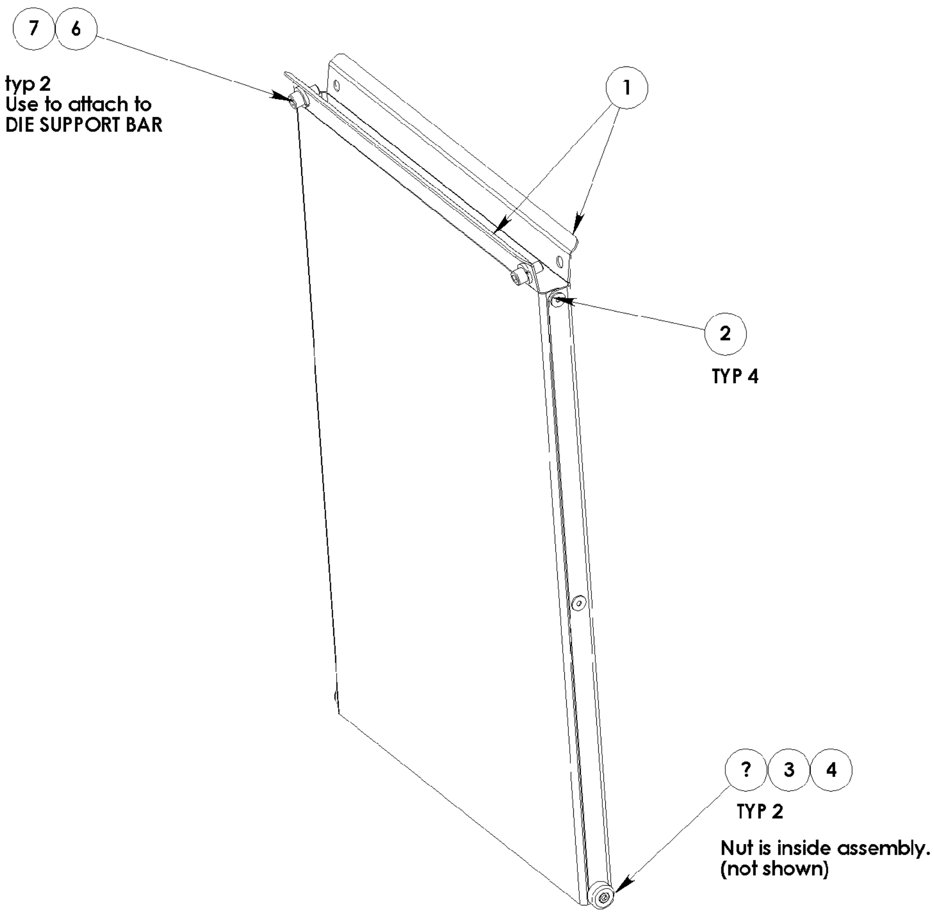
TITLE DRIVER BAR	SHT 1	OF 1
ITEM # PNS06000		REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	3	7707966	DIE SET HOLD DOWN
2	1	7707961	DIE SET MOUNT BAR
3	2	7707971	MOUNT BLOCK
4	1	7707955	DIE SET MOUNT
5	6	1980095	SHCS SS 1/4-20 X 2.25
6	14	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
7	4	1980098	SHCS SS 1/4-20 X 1
8	4	1730640	FLAT WASHER AN 960 C, STAINLESS 0.265ID X 0.500OD X 0.073THK
9	2	7708002	REAR CLAMP FINGER
10	4	7707620	SHCS SS 1/4-20 X 2.25



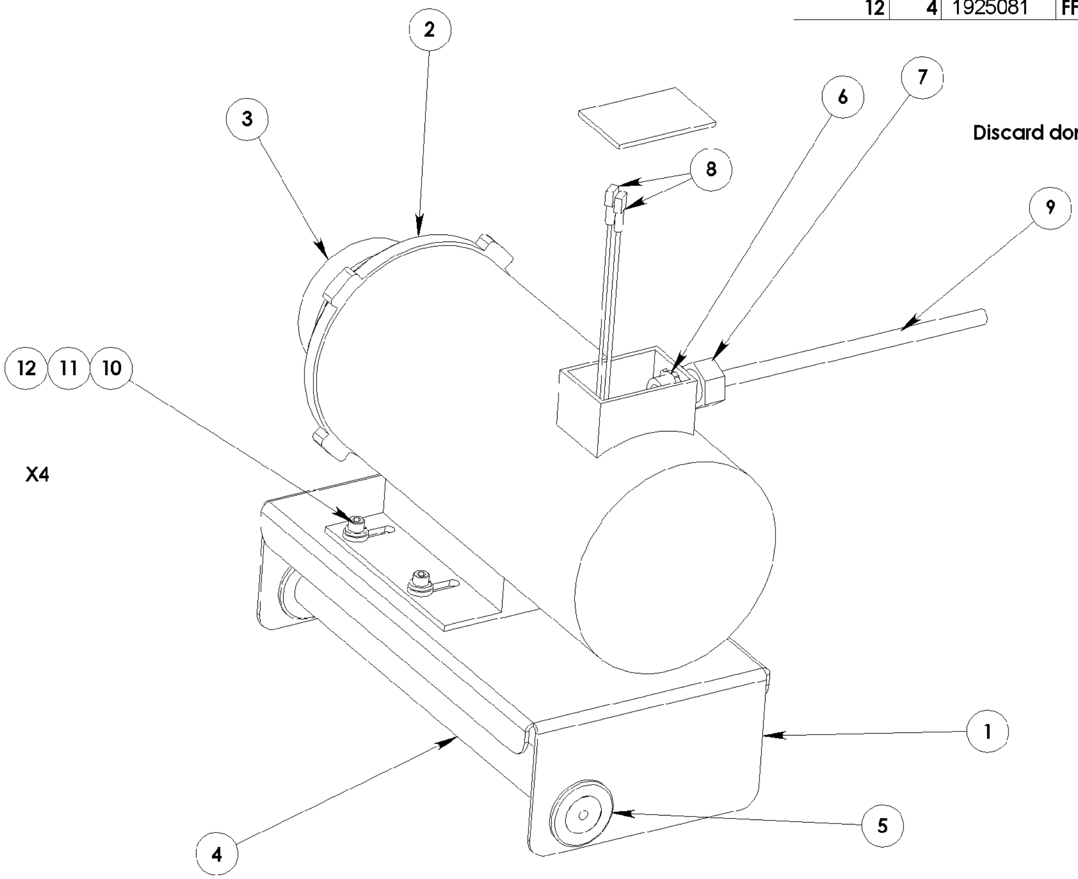
TITLE Die Set Mount	SHT 1	OF 1
ITEM # PNS07000	REV 1	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	7707972	SLUG CHUTE
2	4	7707630	Plain Steel Std Blind Rivet W/Steel Mandrel Dome, 3/16" Dia, .126"-.250" Matl Thk
3	2	1922111	SHCS SS #8-32 X 1/2
4	2	1980851	NYLON INSERT HEX LOCK NUT 18-8 STAINLESS #8-32
5	2	1730491	RECESSED BUMPER RUBBER 5/8OD X 5/32ID X 9/32H
6	2	1980094	SHCS SS 1/4-20 X 1/2
7	2	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"



TITLE SLUG CHUTE	SHT 1	OF 1
ITEM # PNS08000		REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707968	MOTOR BRACKET
2	1	7707526	PUNCH MOTOR
3	1	7707690	Cast Iron Finished-Bore V-Belt Pulley 3.55" OD, 5/8" Bore
4	1	7707965	LONG STANDOFF
5	2	7707674	Military Specification Rubber Grommet MS 35489 No. 23, AN 931 No. 16-22
6	1	7707621	1/2" Conduit Locknut, Zinc Plated Steel
7	1	7707668	Liquidtight Strain Relief Cord Connector, 1/2" Conduit, Cable Range 0.250 - 0.375 Inches
8	2	9950315	FEMALE QUICK CONNECT INSULATED 14-16 AWG 0.250 X 0.032
9	1	7707753	Main Motor Cable
10	4	1980097	SOCKET CAP SCREW 18-8 STAINLESS #1/4-20 X 7/8
11	4	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
12	4	1925081	FFW CHS 1/4

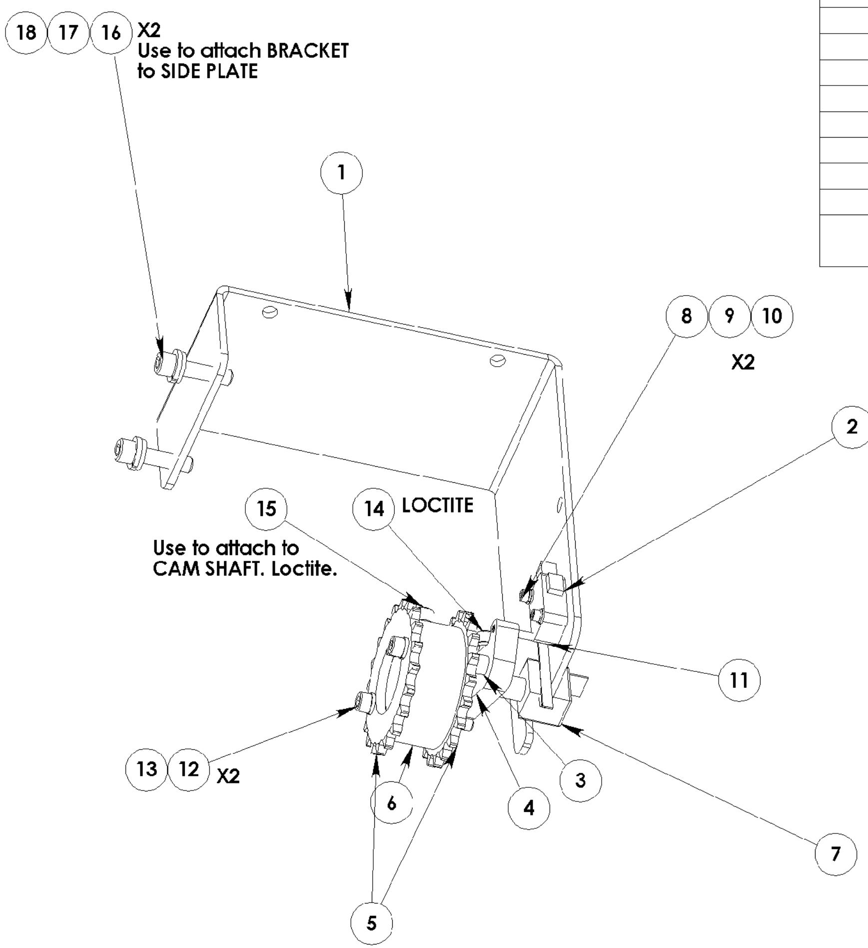


Discard domed metal washer

insert harness through strain relief and tighten to grip cable.
Attach Blue cable wire to motor wire labeled A!, Green cable wire to ground screw and remaining cable wire to remaining motor wire.

TITLE MAIN MOTOR	SHT 1	OF 1
ITEM # PNS09000	REV 0	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707995	ENCODER BRACKET
2	1	7707508	SWITCH
3	2	1924817	ROUND SPACER ALUMINUM 5/16OD X #10ID X 1/4L
4	1	7707989	HOME SWITCH ACTUATOR
5	2	1722973	SPROCKET
6	1	7707988	SPROCKET HUB
7	1	7707482	Rotary Optical Encoder
8	2	1730414	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 5/8
9	2	1926060	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #4
10	2	1925067	FLAT WASHER MS15795 MIL, STAINLESS 0.125ID X 0.250OD X 0.028THK
11	1	1931522	COILED SPRING PIN CARBON STEEL, PLAIN FINISH 1/8 X 1
12	2	1980081	SHCS SS #10-32 X 1-3/4
13	2	1926063	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #10
14	1	1980072	SHCS SS #10-32 X 1/2
15	1	1980095	SHCS SS 1/4-20 X 2.25
16	2	1980098	SHCS SS 1/4-20 X 1
17	2	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
18	2	1730640	FLAT WASHER AN 960 C, STAINLESS 0.265ID X 0.500OD X 0.073THK



TITLE MAIN ENCODER

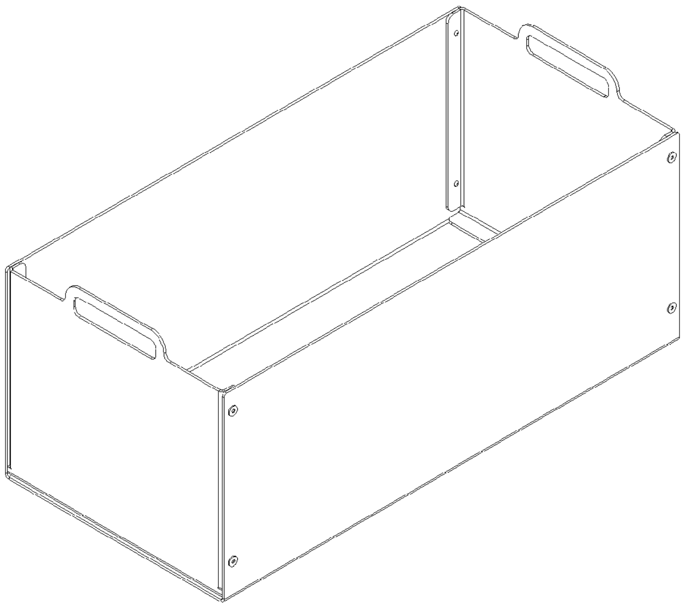
SHT 1 OF 1

ITEM # PNS10000

REV 0

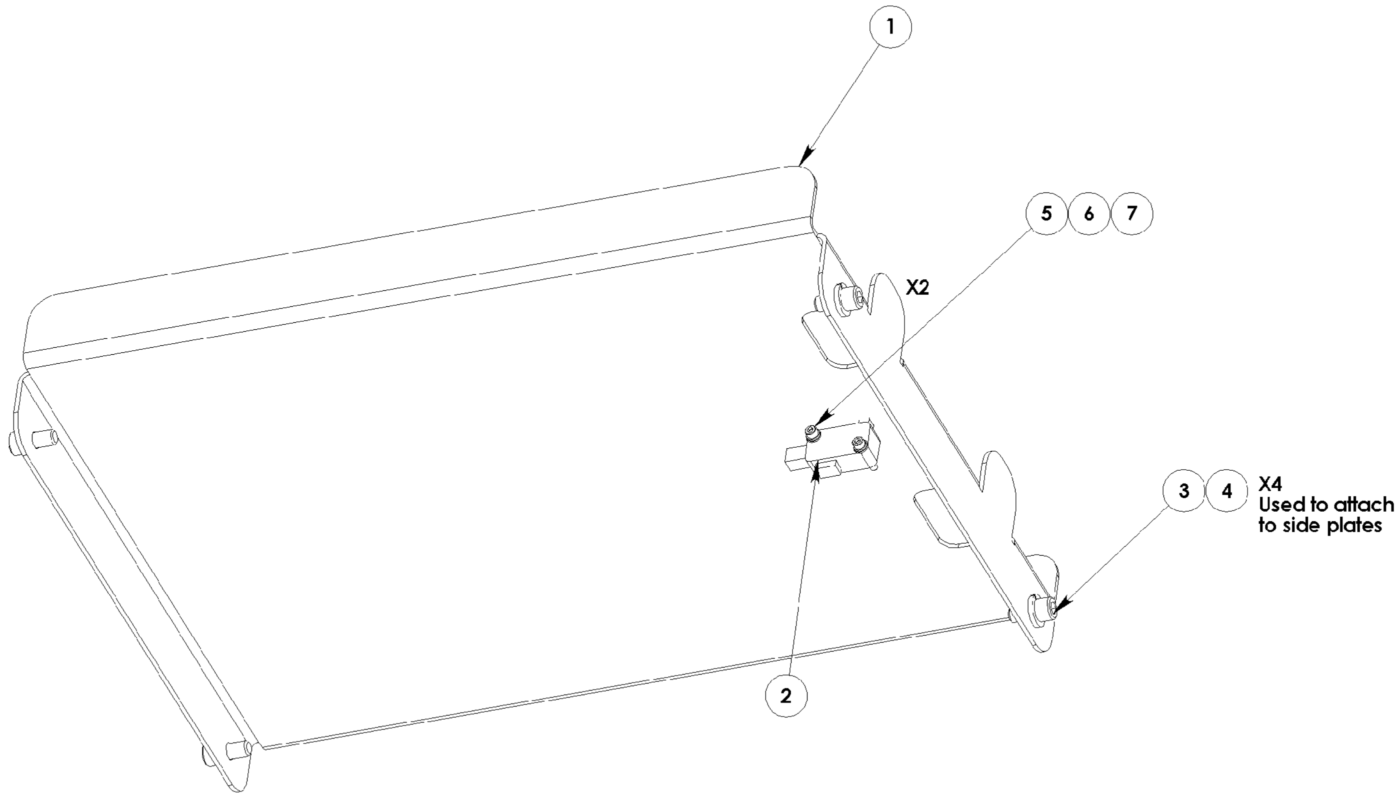
BOM FOR FACTORY REFERENCE ONLY
ORDER PNS11000 FOR ENTIRE BIN

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	7707996	Slug Bin Body	1
2	7707997	Slug Bin Side	2
3	7707630	Plain Steel Std Blind Rivet W/Steel Mandrel Dome, 3/16" Dia, .126"-.250" Matl Thk	8



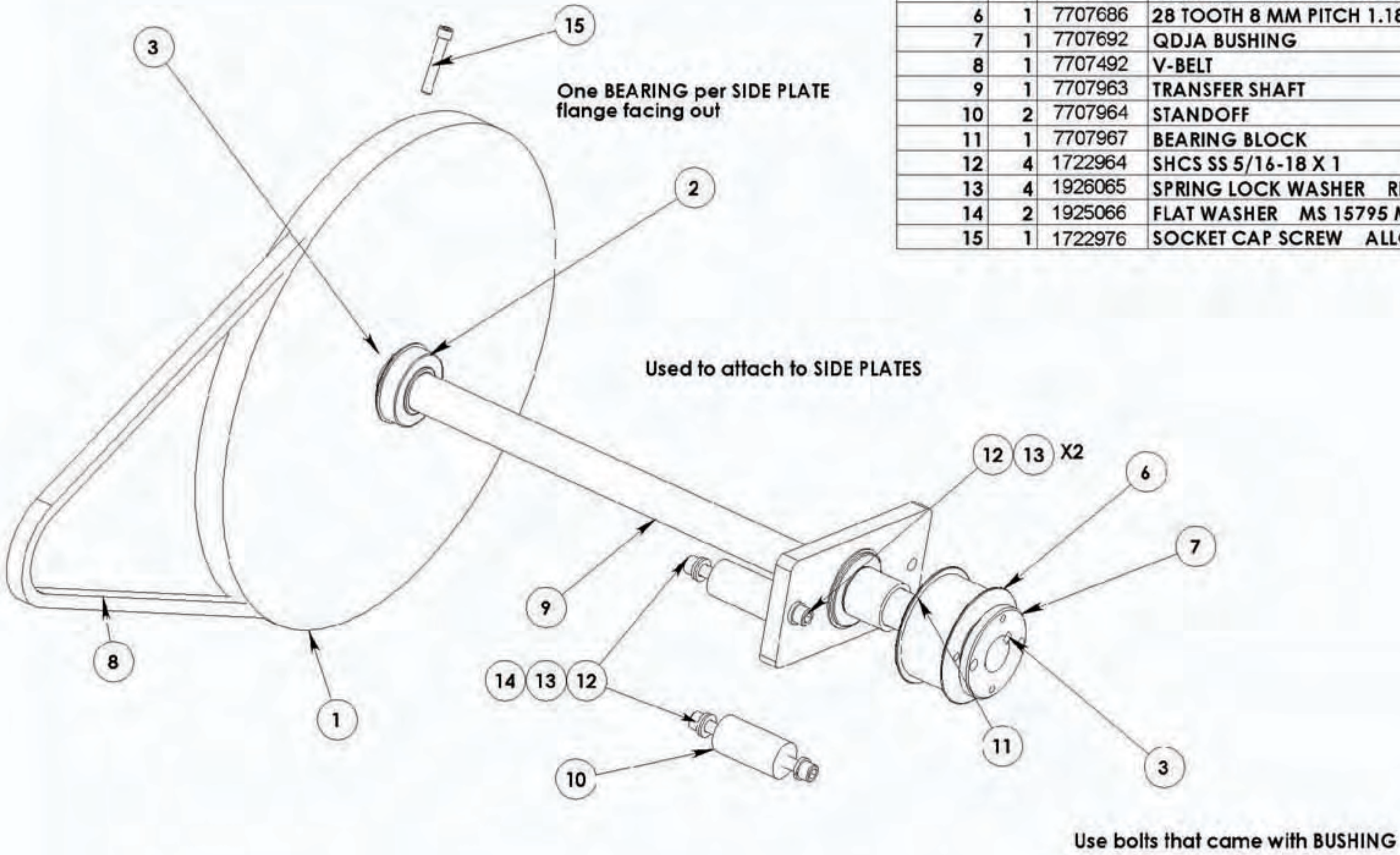
TITLE SLUG BIN	SHT 1	OF 1
ITEM # PNS11000		REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	1722974	Slug Bin Tray
2	1	1722975	Minature Switch, Short Roller
3	4	1980094	SHCS SS 1/4-20 X 1/2
4	4	1926064	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 1/4"
5	2	1730414	SOCKET CAP SCREW 18-8 STAINLESS #4-40 X 5/8
6	2	1926060	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS #4
7	2	1925067	FLAT WASHER MS15795 MIL, STAINLESS 0.125ID X 0.250OD X 0.028THK



TITLE SLUG BIN TRAY	SHT 1	OF 1
ITEM # PNS12000		REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707691	V-BELT PULLEY
2	2	7707539	1" RADIAL BALL BEARING
3	2	7708000	SQUARE KEY
4	1	7707430	Nylon 6/6 Small-OD Flat Washer 1" ID, 1-1/4" OD, .063" Thick
5	1	7707992	BEARING RETAINER SPACER
6	1	7707686	28 TOOTH 8 MM PITCH 1.18 WIDE HPT SPROCKET
7	1	7707692	QDJA BUSHING
8	1	7707492	V-BELT
9	1	7707963	TRANSFER SHAFT
10	2	7707964	STANDOFF
11	1	7707967	BEARING BLOCK
12	4	1722964	SHCS SS 5/16-18 X 1
13	4	1926065	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 5/16"
14	2	1925066	FLAT WASHER MS 15795 MIL, STAINLESS 5/16, 0.344ID X 0.688OD X 0.080THK
15	1	1722976	SOCKET CAP SCREW ALLOY STEEL, BLACK FINISH #1/4-20 X 1-1/4



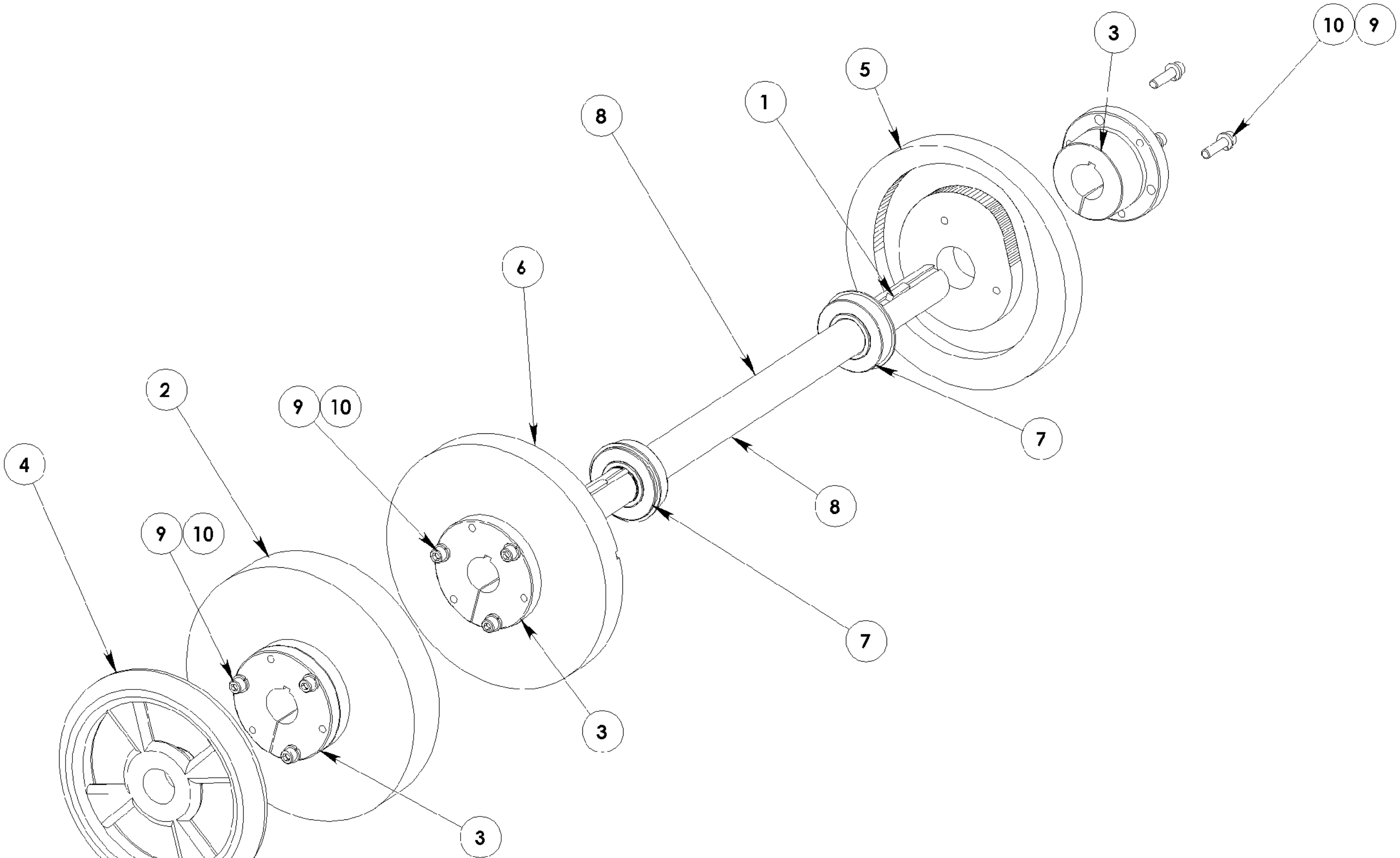
TITLE INTERMEDIATE SHAFT

SHT 1 OF 1

ITEM # PNS13000

REV 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	3	7708000	SQUARE KEY
2	1	1722977	90 TOOTH HPT SPROCKET
3	3	7707693	Quick-Disconnect Bushing Style Sk 1.25 Bore
4	1	7707991	Handwheel
5	1	7707975	DIESET DRIVE CAM RIGHT
6	1	7707974	DIESET DRIVE CAM LEFT
7	2	7707540	1.25" RADIAL BALL BEARING
8	1	7707958	CAM SHAFT
9	9	7707617	SHCS SS 5/16-18 X 1-1/4
10	9	1926065	SPRING LOCK WASHER REGULAR, 18-8 STAINLESS 5/16"

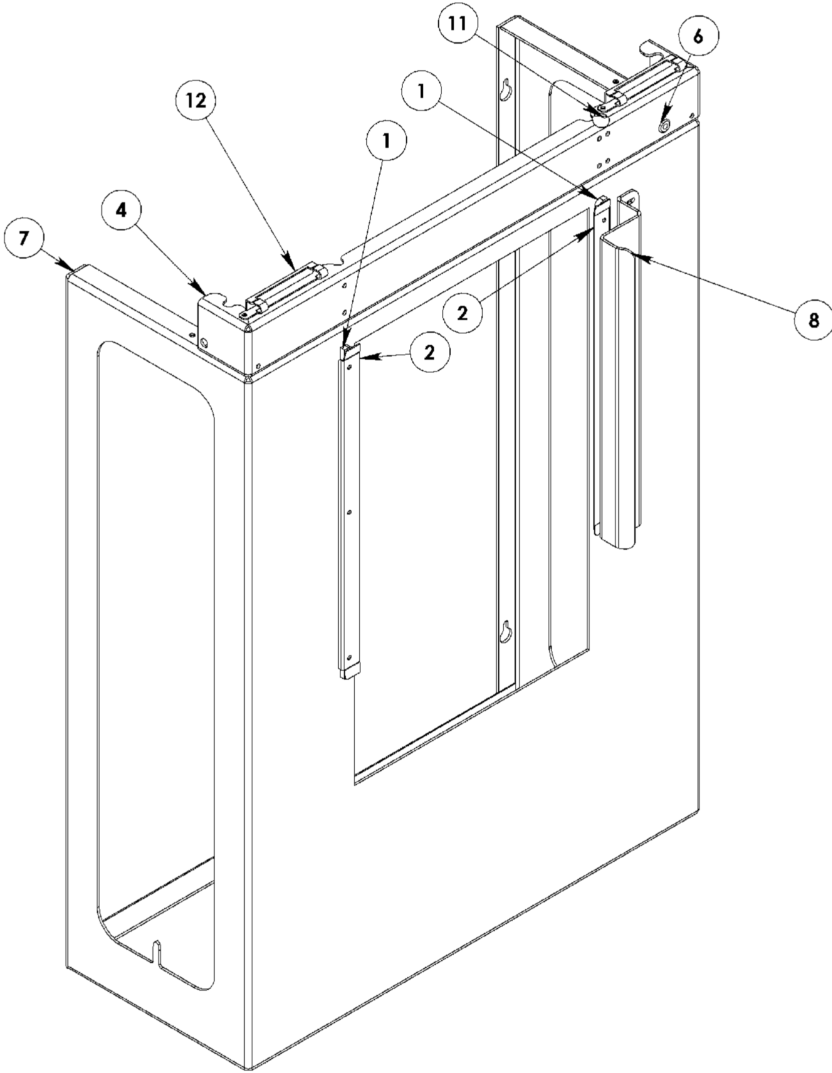


TITLE CAM SHAFT SUB

SHT 1 OF 1

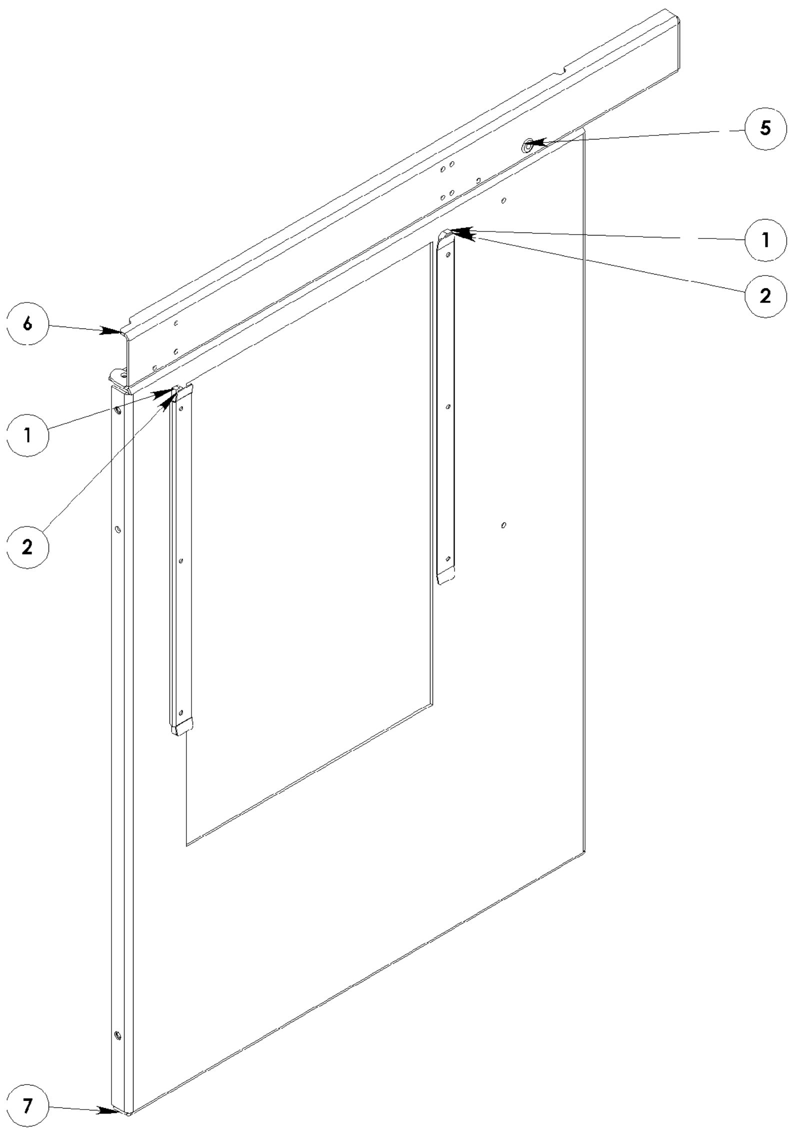
ITEM # PNS14000

REV 0



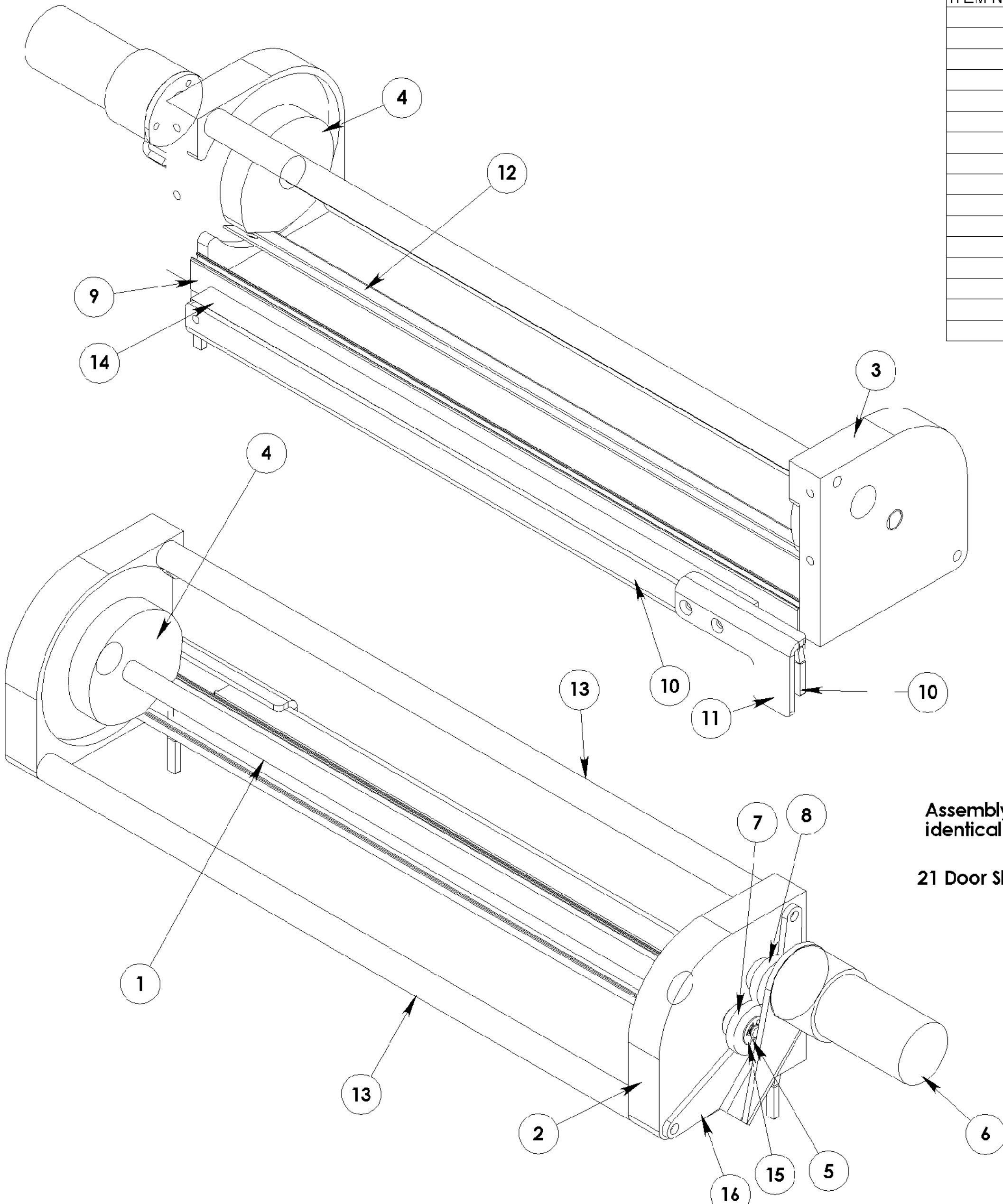
ITEM NO.	PART NUMBER	DESCRIPTION	RDS01F00/QTY.	RDS01S 00/QTY.
1	7708094	Roll Side Guide	2	2
2	7708095	Roll Front Guide	2	2
3	7708101	Switch Actuator	1	1
4	7708106	Feeder Roll Door Frame	1	-
5	7708104	Weight	1	1
6	7707670	Mlitary Spec Rubber Grommet MS 35489 No. 35 An931, No. A4-7	1	1
7	7707749	Left Extension Assembly	1	-
8	7708107	Manual Stacking Guide	1	-
9	7708096	Roll Door Base	-	1
10	7707750	Stacker Port	-	1
11	7708110	Nut Plate	2	2
12	7707505	Concealed QD Hinge	2	2

TITLE **FEEDER DOOR FRAME**	SHT **1**	OF **1**
ITEM # **RDS01F00**		REV **0**



ITEM NO.	PART NUMBER	DESCRIPTION	RDS01S00/QTY.
1	7708094	Roll Side Guide	2
2	7708095	Roll Front Guide	2
3	7708101	Switch Actuator	1
4	7708104	Weight	1
5	7707670	Mlitary Spec Rubber Grommet MS 35489 No. 35 An931, No. A4-7	1
6	7708096	Roll Door Base	1
7	7707750	Stacker Port	1

TITLE STACKER DOOR FRAME			SHT 1	OF 1
	ITEM # RDS01S00		REV 0	

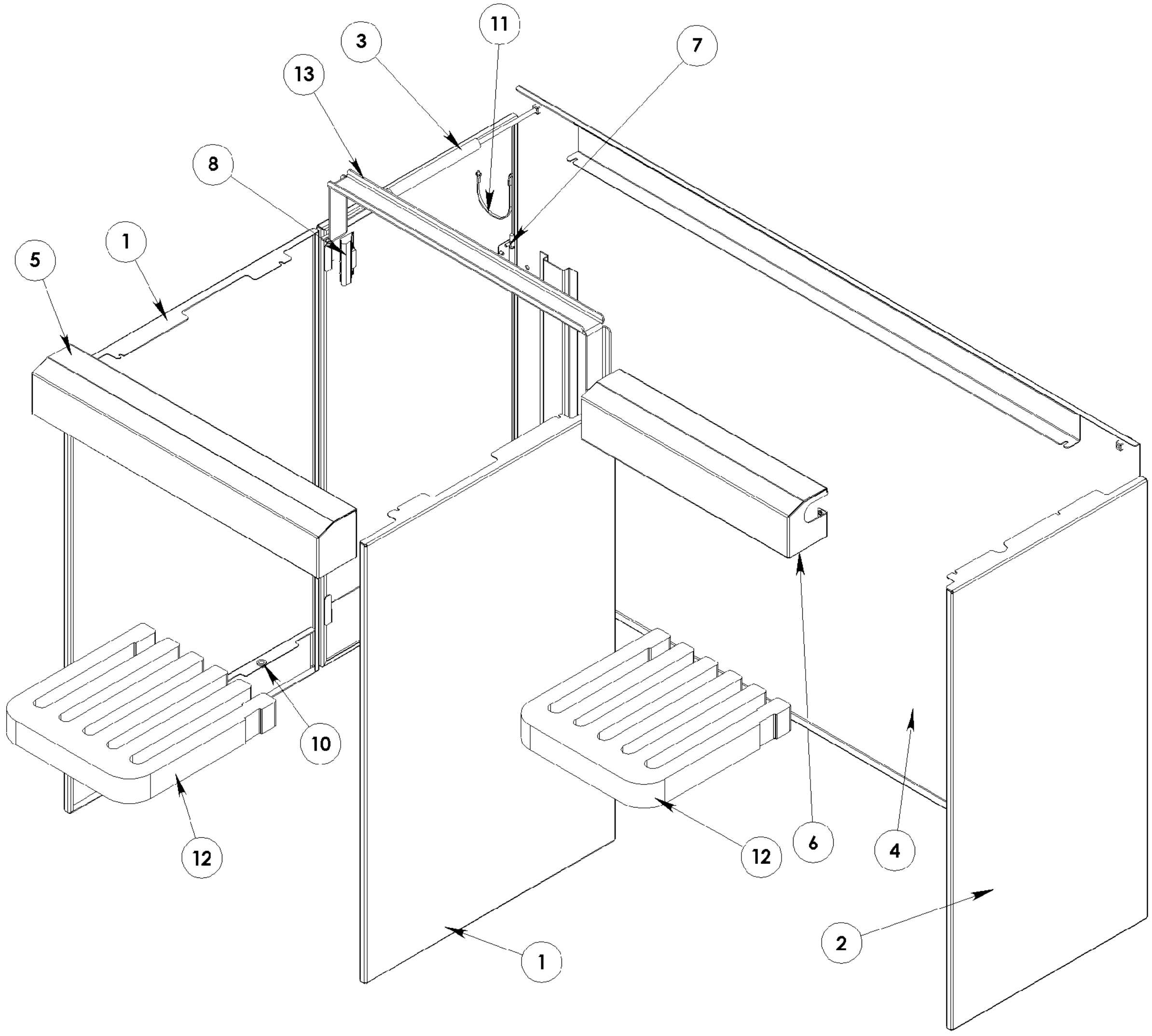


ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7708091	Roll Door Shaft
2	1	7708092	Right Roll Door Bearing
3	1	7708093	Left Door Bearing
4	2	7708097	Snail Cam
5	1	7707696	Steel Needle-Roller Clutch Bearing Acetal Cage, 1/4" Shaft Dia, 7/16" OD, 1/2" WD
6	1	7707527	Compact DC Gearmotor 41 Max RPM, 19.1 VDC
7	1	7708098	Roll Clutch Gear
8	1	7707558	Motor Gear
9	1	7708099	Bottom Door Slat
10	1	7708100	Roll Door Sweep
11	1	7708101	Switch Actuator
12	1	7708102	Top Door Slat
13	2	7708103	Tie Rod
14	1	7708104	Weight
15	1	9215068	E-STYLE RETAINING RING SPRING STEEL, ZINC PLATE
16	1	7708105	Roll Motor Bracket

Assembly as shown is identical for Feeder and Stacker doors

21 Door Slats RD018000 not shown 7707559

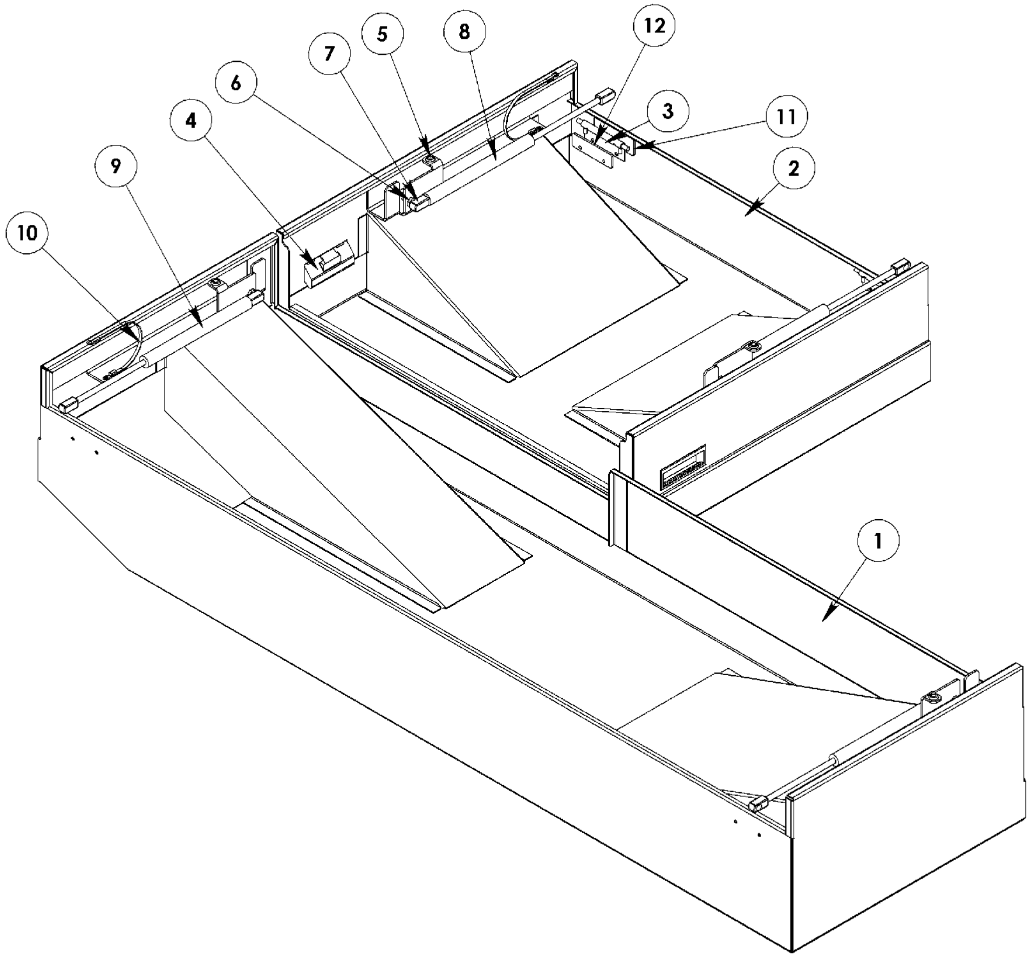
TITLE Roll Door Works S-Assy	SHT 1	OF 1
ITEM # RDS02000		REV 0



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	7708111	Side Panel
2	1	7707584	E-Box Cover
3	1	7708112	Door
4	1	7707585	Back Panel
5	1	7708113	Feeder Roll Door Cover
6	1	7708114	Stacker Roll Cover
7	2	7707504	Concealed QD Hinge
8	1	7707514	Pocket, Snap-in, Flush Pull
9	1	7707518	Gas Spring with Trheaded Ends
10	6	7707672	Std SBR Rubber Grommet
11	1	0147080006	Ground Strap
12	2	7707729	Finger Wrap
13	1	7707738	Gutter
14	4	7707458	Nylon 10mm Ball Socket End For Gas Spring

TITLE Lower Covers	SHT 1	OF 1
ITEM # SKS01000	REV 0	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7708117	Long Lid Main
2	1	7708116	Front Lid
3	4	7707504	Concealed QD Hinge
4	4	7707514	Pocket, Snap-in, Flush Pull
5	4	7707515	Solid Stem Rubber Plug Bumper Flat
6	4	9950109	Ball Stud For Gas Spring 10mm X 5/16-18
7	8	7707458	Nylon 10mm Ball Socket End For Gas Spring
8	2	7707517	Gas Spring 40lbs
9	2	7707518	Gas Spring with Trheaded Ends
10	2	0147080006	Ground Strap
11	4	7708108	Hinge Spacer Plate
12	4	7708110	Hinge Nut Plate



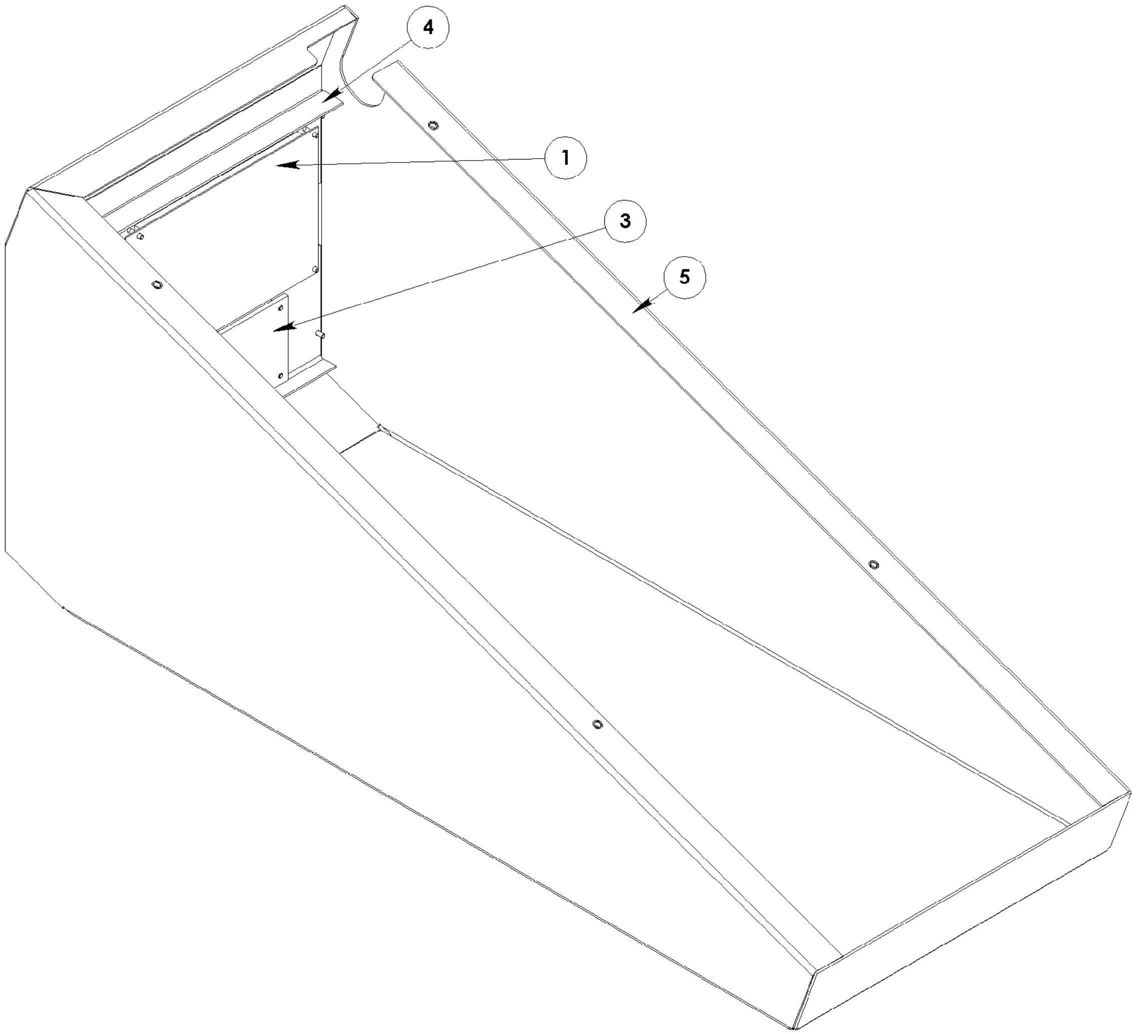
TITLE **Lids**

SHT 1 OF 1

ITEM # **SKS02000**

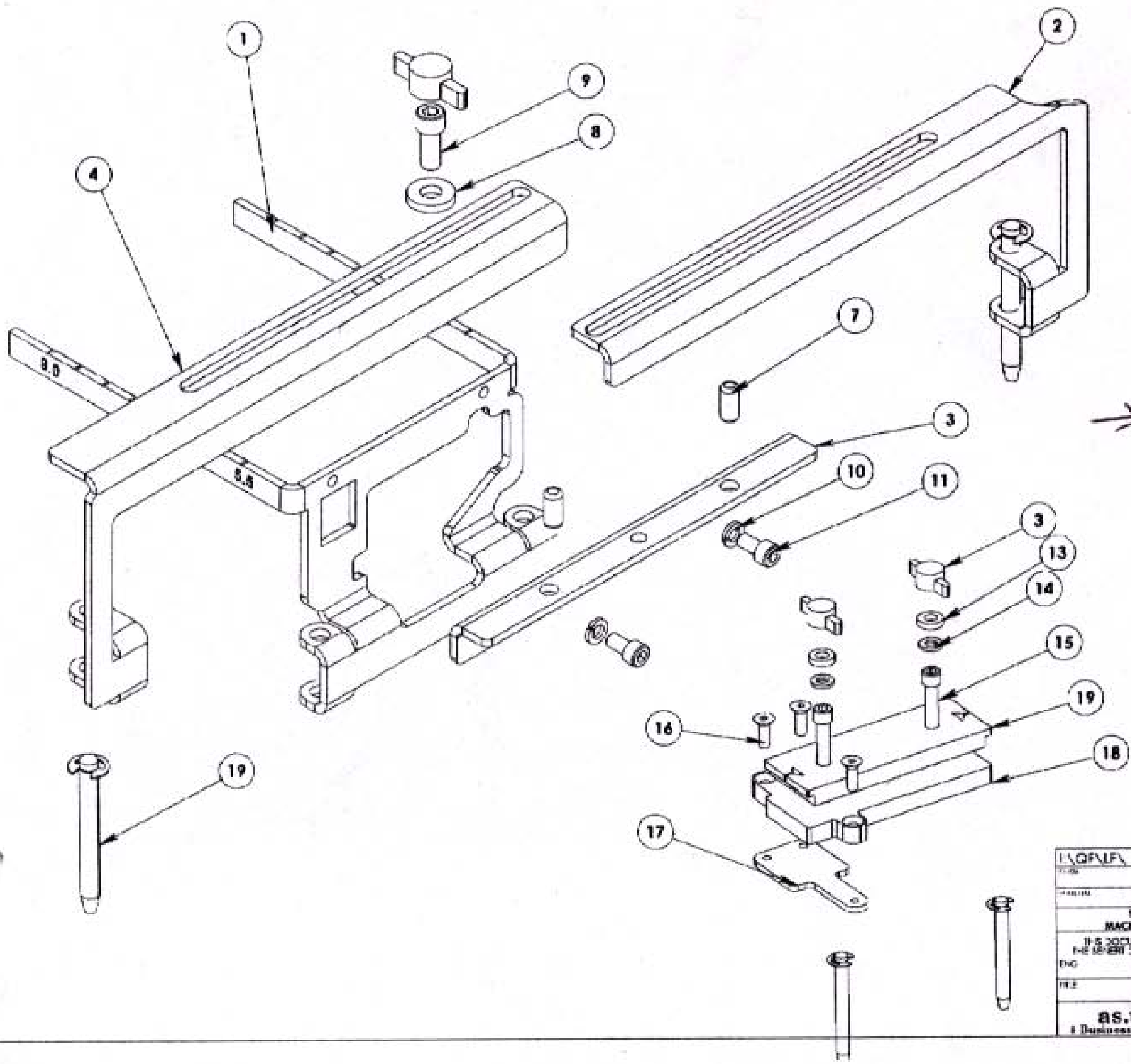
REV **0**

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7707560	Membrane Switch
2	1	7707534	Graphic LCM Display
3	1	7708108	Display PCB
4	1	7708118	UI Back Plane
5	1	7708115	UI Box



TITLE **USER INTERFACE** SHT 1 OF 1

ITEM # **SKS03000** REV **0**



ITEM NO.	PART NUMBER	QTY.
1	LF327040	1
2	LF331000	1
3	LF332000	1
4	LF333000	1
5	3NPTKKB1	3
6	37107250	4
7	3ADCS950	2
8	30FFH025	1
9	32SHS163	1
10	30SLW010	2
11	32SHSF38	2
12	3CRSN8C2	2
13	31NYR025	2
14	32SHSIA0	2
15	32FHSF63	3
16	LF330020	1
17	LF328020	1
18	LF329010	1
19	LF326020	4

Include Installation Instruction sheet.

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TOLERANCES X.XXXX ±0.0005; X.XXX ±0.005; X.XX ±0.010; X/X ±1/32; ANGLES ±1/2°
MACHINE FINISH 63, BREAK ALL EDGES TO 0.010 MAX, THREADS—CLASS 2B, GEO TOL—ASME Y 14.5

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SHT 1 OF 1

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